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The
HEMIST AND DRUGGIST
ETAILER – WHOLESALER – MANUFACTURER
MAY 7, 1949

Wright's

PACKED PHARMACEUTICALS
TOILET PREPARATIONS
DISINFECTANTS

FOR SUMMER SALES

WRIGHT'S Optical Lotion
WRIGHT'S Effervescing Saline
Seidlitz Powders

Calamine Lotion
Insect Repellent
Lavender Oil

Sunburn Lotion
Suntan Oil
Sun Lotion

WRIGHT'S Lysol
WRIGHT'S Disinfecting Fluid
WRIGHT'S D.D.T. Spray
WRIGHT'S D.D.T. Powder in Puffer Tin

"A reputation that is sound and enduring is more valuable than a passing success however spectacular and it cannot be built up in a day."

Such is WRIGHT'S guiding principle and for 80 years a policy of supplying only the finest pharmaceutical preparations at reasonable prices has been consistently maintained.

THE NAME ALONE IS A GUARANTEE

ONE OF WRIGHT'S PRODUCTS

WRIGHT LAYMAN & UMNEY LTD
SOUTHWARK STREET, LONDON, S.E.1 HOP 4021 (10 lines)

Index to Advertisers pp. 5 & 6

In hayfever

Doctors have found it possible to control th symptoms of hayfever in many patients b the oral administration of 'Benadryl'. Th potent histamine antagonist is also prescribe for those who have not had time to acquir complete tolerance to grass-pollen afte desensitizing courses with pollen extract.

One 50 mgm. capsule of 'Benadryl' take when hayfever symptoms first appear ofte gives relief for from three to five hour Subsequent dosage depends on the respons of the patient and on the prevailing atmos pheric conditions. For infants and childre Elixir 'Benadryl' or 25 mgm. capsules ar available.

Minimum Retail Prices (Exempt P.T.):—

CAPSULES:

25 mgm.: Bottles of 50, 4/6; 500, 40/-

50 mgm.: Bottles of 50, 7/6; 500, 70/-

ELIXIR:

Bottles of 4 fl. ozs., 3/-; 16 fl. ozs., 10/-

Benadryl®

P.A.T.A

PARKE, DAVIS & CO.

HOUNSLOW, MIDDLESEX

Telephone: Hounslow 2361 *Inc. U.S.A., Liability Ltd.*

Certain Sales.

45% and C.F.

Simpson's

FOOT OINTMENT

▲

Largest Selling Foot Preparation

▲

Largest Retail Margin (best bonus terms nets you over 45%

▲

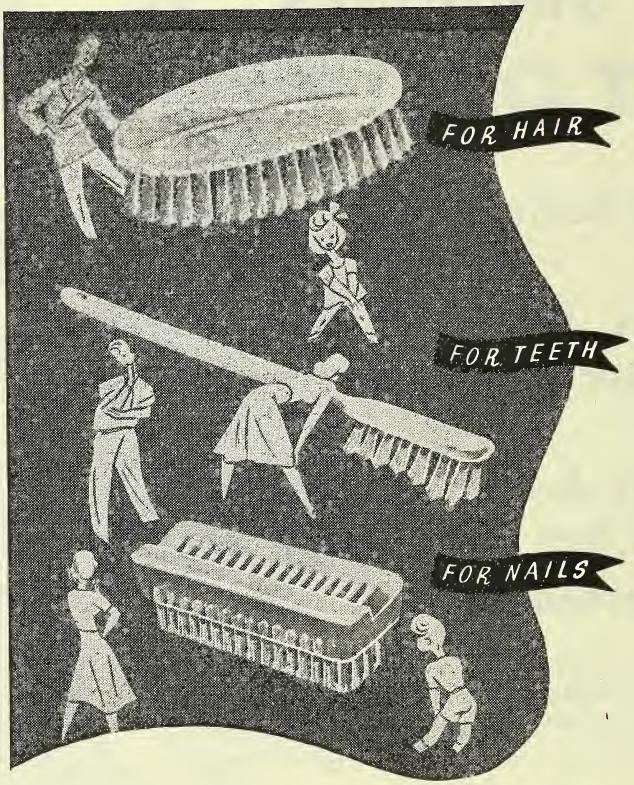
Largest Advertising (average over 8,000,000 ads. a week) now started

Get your stock on bonus NOW.
(2 free with every doz. available only till 16th May, min. £3 order.)
1 oz. tubes, 2 oz. jars and 4 oz. jars.
Order in ratio of 2 : 6 : 1 from

Sole Selling Agents in U.K.:
WALTER CROWE LIMITED

Distributors:
3/4, Little Russell Street, London, W.C.1

Nylon makes the finest brushe



A nylon b sh is unexc led because is hygienic, durable nd attractiv

NYLON BRUSHES BEST

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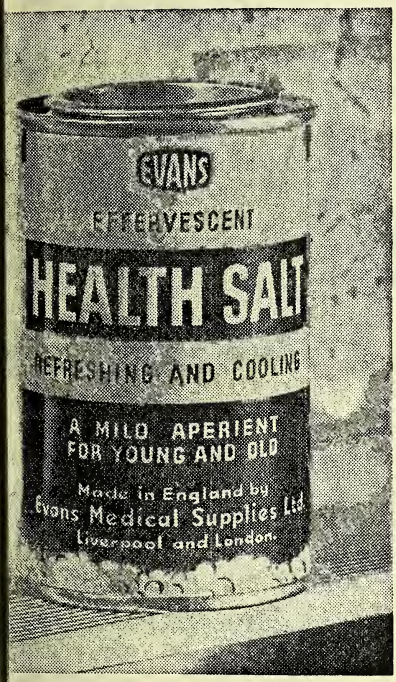
P.N

Make sure your stocks DO meet your customers' requests



New show material is now available to help you to sell this attractive pack of Evans Health Salt.

Order your stock now and display on your counter.

WHOLESALE 9/3 per doz. *plus* 33⅓% Purchase Tax.

6 doz. at 9/- per dozen, plus tax.

EVANS

EVANS MEDICAL SUPPLIES LTD

Speke, Liverpool 19

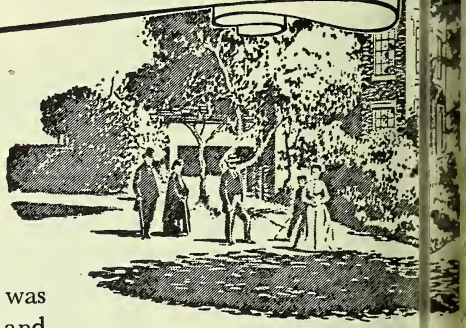
and Bartholomew Close, London, E.C.1.

Distributing Depots :

BELFAST, BIRMINGHAM, BRISTOL, LEEDS, MANCHESTER, SHEFFIELD AND SWANSEA

198-14/D9

From a Battersea garden in 18[illegible] came QUININE *and its salts*



Although cinchona bark itself was in use in Europe 300 years ago and crude concentrates of the active principle had been made, it was not until 1820 that the alkaloids quinine and cinchonine were first isolated by Pelletier and Caventou, who are so well-known for their work on the alkaloids generally.

In 1859, Thomas Whiffen commenced to prepare alkaloids in a factory at the bottom of the large garden of his house at Battersea, and quinine and its salts were among the first of his manufactures. No doubt that was because he had already s[illegible]ral years' experience of the prepa[illegible]ion of these compounds whilst w[illegible]ing with Edward Herring and [illegible]cob Hulle in the Borough, London [illegible].E. The Battersea business exp[illegible]led greatly with the years and the [illegible]aff became experts at assessing the [illegible]lue of the many kinds of cinchona [illegible]rk; from inspection of a small quil[illegible]ey could tell at once the species, co[illegible]try and approximate yield of qu[illegible]ne.

WHIFFENS

Manufacturers of Fine Chemicals for nearly a cen[illegible]y

WHIFFEN & SONS LTD (British Chemicals & Biologicals [illegible]d)
Fulham · London · SW6 · *Tel:* Renown 3416 · *Grams:* Whiffen Lo[illegible]n

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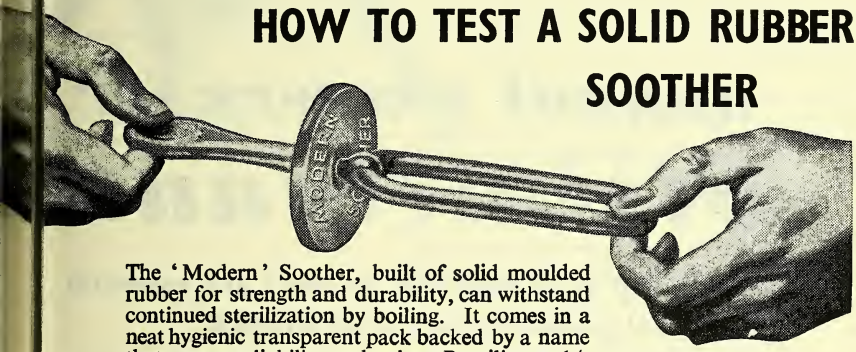
HOW TO TEST A SOLID RUBBER SOOTHER



The 'Modern' Soother, built of solid moulded rubber for strength and durability, can withstand continued sterilization by boiling. It comes in a neat hygienic transparent pack backed by a name that means reliability and value. Retailing at 1/- each, The 'Modern' Soother is supplied in attractive display outers containing 2 dozen soothers. 7/10 dozen. (Through your regular wholesaler).

The **"MODERN"** SOOTHER

A CANNON RUBBER PRODUCT

Built to be boiled

CANNON RUBBER MANUFACTURERS LIMITED, LONDON N.17

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UNITED CHEMISTS ASSOCIATION LIMITED. UCAL WORKS, CHELTENHAM.

SILCOT . . .

a quality towel popular with women an profitable for the chemist.

Women to-day are asking for Silcot sanitar towels because of their comfort and safety.

They like the soft cotton wool and the smoot knitted covers. They also like the loops *stitched t* the covers. Silcot towel are soft, safe and secure

PRICES	Trade per doz. pkts.	Retail per pkt.
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Size O	15/9	1/9
,, 1	18/-	2/-
,, 2	22/6	2/6
,, 3	27/9	3/1
,, 4	30/-	3/4
VENSILLA (Soluble)	15/8	1/9
SILCOT SANITARY BELT (Subject to Purchase Tax)	12/6 per doz.	1/11 each

Here is a nationally advertised line on whic to build sound repea business. Silcot will hel your turnover. It wil bring customers bac time after time.

MACDONALD & SON LTD · Hope Mills · Pollard Street · Manch er 4

. . . *In the care and hygiene of the sc lp*

'Pragmatar'—the improved tar-sulphur-salicylic-acid ointment—is now being regularly prescribed in the general care and hygiene of the seborrhoeic scalp. It can readily be washed out of the hair or allowed to remain as a pleasant dressing. Dandruff often intensifies and prolongs the co e of acne, and consequently 'Pragmata is a valuable aid in the management this common disorder. The wide mar of safety of 'Pragmatar' makes it es ally suitable for children, as well as for lts.

● *Issued in 1-oz. collapsible tubes. Trade price 27/- per dozen. Purchase Tax 9/- per dozen. Retail price 3/9 each, inc. Tax.*

'PRAGMATA '

Cetyl-alcohol-coal-tar distillate 4%; sulphur 3%; salicylic acid in a washable base.

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for Smith Kline & French International Co., owner of the trade mark 'Prag tar

PRAT 2

A NEW DISPLAY PACK FOR

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SUN TAN CREAM

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PRICES:

TRADE 12/3 doz.

RETAIL 2/6 per tube, incl. purchase tax

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Bea/T/1

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Available in a wide range of titles including several exclusive prescriptions and the ever-popular ZINC & CASTOR OIL CREAM.

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Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD

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'SLEEK' plastic adhesive strapping is a first-class product which has received an enthusiastic welcome from doctors and nurses. Turnover is quick and supplies are ample. Display and introduce it to your customers.

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1" x 5 yard spools . . . **Retail 2/ each**
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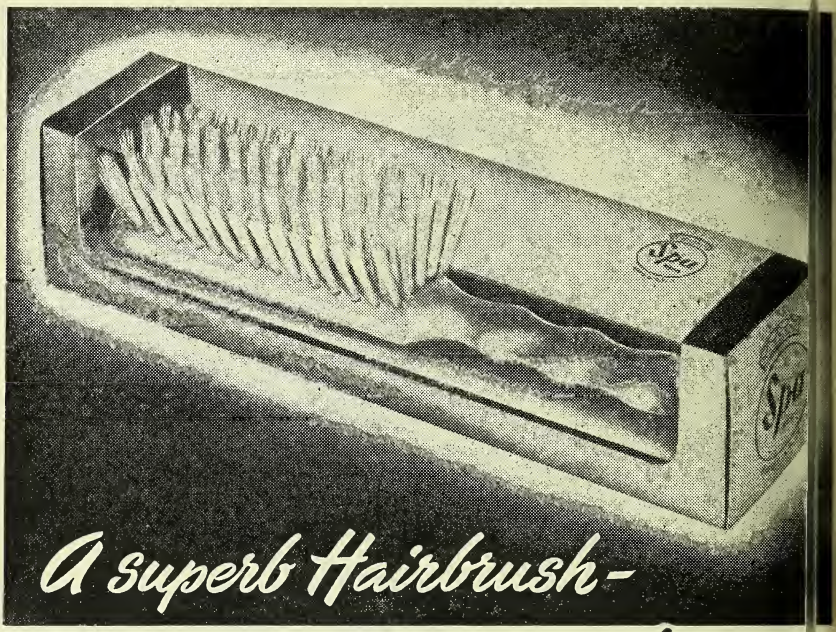

A superb Hairbrush—

to retail at 6/11d

This is the SPA Hairbrush NH.22. **It has 6 fu rows of Nylon tufts**—each tuft graduated f thorough penetration. Handles in five attracti colours—ivory, tortoiseshell, and pastel pink, bl and green. Packed in clear acetate containe

A quick, ready-made seller that will mov across the counter whenever it is displaye The NH.22 means PROFITS for YOU.

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SPA BRUSHES LTD

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TABLETS & PILLS

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10% DISCOUNT

14-day window display bonu on £10 parcels

Here's an offer that means business—big business—to you. Give Brylcreem and other County products a 14-day window display—that's all you have to do to win a 10% Bonus on all orders of £1 or more, or alternatively a 5% Bonus on orders over £6 an under £10.

HERE'S YOUR CHANCE TO STOCK UP AT SPECIAL PRICES, TO MAKE QUICKER TURNOVER AND BIGGER PROFITS.

The more outstanding and eye-compelling you make your displays the more profits you make. And remember—our new bigger-than-ever-advertising campaign is a powerful aid to bigger-than-ever sales.

SO PULL UP YOUR STOCKS O

BRYLCREEM · BRYLFOAM · BRYLSHAVE
HILTONE · NICOTA · ROWLANDS MACASSAR OIL

See opposite page for suggested parcels.

County Perfumery Company Ltd., Stanmore, Middx. Tel: WORdsworth 21

STILL MORE PROFIT FROM

BRYLCREEM

this 14-day window display offer

SPECIMEN PARCELS

UGGESTED £10 PARCEL

2 doz.	1/11½	Brylcreem Jars	£5	12	0
3 „	1/11½	Brylcreem tubes	1	8	0
3 „	9½d.	Brylfoam tubes		16	0
1 „	1/10	Brylfoam tubes		12	0
1 „	5/10	HILTONE Bleach	1	8	0
3 „	1/3½	Brylshave tubes	1	5	6
½ „	6/3	Rowland's Macassar Oil		16	3
			£11	17	9
ess 10% Window Display Bonus			£1	3	9
			£10	14	0

our profit on this parcel at Standard Trade Prices, including Purchase Tax is £5 17 2

OW INCREASED by this special 0% Window Display Bonus of £1 3 9

laking a total profit to you of **£7 0 11**

SUGGESTED £6 PARCEL

6 doz.	1/11½	Brylcreem jars ...	£2	16	0
3 „	1/11½	Brylcreem tubes .	1	8	0
1 „	1/10	Brylfoam tubes ...		12	0
1 „	1/9	Brylshave jars ..		12	0
2 „	1/-	Nicota toothpaste		13	0
½ „	5/10	HILTONE Bleach .		14	0
			£6	15	0
Less 5% Window Display Bonus				6	9
			£6	8	3

Your profit on this parcel at Standard Trade Prices including Purchase Tax is £3 8 2

NOW INCREASED by this special 5% Window Display Bonus of 6 9

Making a total profit to you of **£3 14 11**

TOCK UP NOW—*send in your order and ask for Display Material to be ent if needed. NOTE: The qualifying amounts of £10 and £6 are for the value of he goods only and exclude purchase tax.*

nty Perfumery Company Ltd., Stanmore, Middx. Tel: WORdsworth 4321

T 5.

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Oak Brand

FINEST QUALITY

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TONGUE DEPRESSORS
AURAL PROBES
POSTAL BOXES, ETC.

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Established 1860 —— Phone: BER 3284

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TRADE MARK

Visit our Exhibit at the B.I.F. Olympia
STAND B.21

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a Splendid Range of Children's Remedies

Potter & Clarke break fresh ground in offering the trade this fine list of Children's Remedies, the liquids being flavoured especially for the youngsters. Put up in up-to-date modern colourful packs, they should prove a profitable proposition. Up to the present the list is as follows:—

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- COUGH MIXTURE
- VAPORISING OINTMENT
- LAXATIVE
- BABY POWDER

12/6 doz. 6 doz. 12/3 per doz. 12 doz. 12/- per doz.
(excluding Purchase Tax)

- ZINC & CASTOR OIL OINTMENT

6/6 doz. 6 doz. 6/3 per doz. 12 doz. 6/- per doz.

A most attractive display stand is offered the trade (illustrated) and available from our representative.

POTTER & CLARKE LTD.
Artillery Lane, London, E.1.

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FOR ALL PURPOSES

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CONCENTRATED NON-ALCOHOLIC SOFT EXTRACTS FOR MAKING INFUSIONS · DECOCTIONS · TINCTURES · LIQUID EXTRACTS · ETC.

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MEDICINAL RESINS · OLEO · RESINS · RESINOIDS · TINCTURES

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SPECIALLY PREPARED

SOLUBLE EXTRACTS

PRESENT THE FOLLOWING ADVANTAGES

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They were first put on the market by ourselves

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LAVENDER CHAMOMILE PEPPERMINT

HEMLOCK LETTUCE

ESTABLISHED 1846

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Growers of medicinal plants for over a century

Hitchin, Hertfordshire, England

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specialize in the manufacture and distribution of

CCL FINE CHEMICALS

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A cordial welcome awaits you

CARNEGIE CHEMICALS (WELWYN) LTD

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ELWYN GARDEN CITY : HERTFORDSHIRE : ENGLAND

LEGRAMS: CARNECHEM, WELWYN GARDEN TELEPHONE: WELWYN GARDEN 506 (4 lines)

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MONSANTO CHEMICALS LIMITED

take undisguised pleasure in announcing to their friends in the

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Salicylates

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ACETYL SALICYLIC ACID B.P.

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E7/A/104

NO OTHER DENTURE BRUSH LOOKS LIKE IT—OR SELLS LIKE IT

RETAILS AT 3/6 INCL. 33⅓% P.T.

ADDIS 88 is no glorified toothbrush. It is a scientific tool especially designed for the job of cleaning dentures.

This is the explanation of its unusual appearance. It is also the explanation of its remarkable sales record. Every denture wearer who sees the 88 wants to try it—and once they try it no other brush will satisfy them again.

Ever since Addis 88 was brought back on to the market, sales have gone steadily up. Already it is far and away Britain's most popular denture brush—and demand is still increasing. Addis 88 is regularly advertised in the RADIO TIMES.

Supplied in dozens in attractive display container, price 23/4 a dozen plus Purchase Tax, to sell at 3/6 each (including 33⅓% P.T.).

Addis 88 DENTURE BRUSH

ADDIS LTD. OF HERTFORD. ESTABLISHED 1780

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AYRTON'S

SPEED AND CERTAINTY
are necessary where Penicillin and
its Preparations are concerned

ALL SUPPLIES ARE POST-PAID
SAME DAY AS ORDER RECEIVED

PENICILLIN

THE COLLAPSIBLE TUBE MANUFACTURERS' ASSOCIA ON

Announces a

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OPEN TO ALL RETAIL CHEMISTS AND MEMBERS OF THEIR S FF

£200 IN PRIZES

1st Prize £100 : 2nd Prize £45 : 3rd Prize £20

7 Supplementary Prizes of £5 each

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Mr. D. ST. JULIAN BOWN, F.R.S.A., *Chairman of the British Display Association.*
Mr. ARTHUR J. SYMES, F.R.S.A., *Editor of Display.*
and four nominees from The Collapsible Tube Manufacturers' Association.

Send post card for particulars to: **The Competition Director**

THE COLLAPSIBLE TUBE MANUFACTURERS' ASSOCIA ON
24 PORTLAND PLACE, LONDON, W.1

FELAMINE

for the treatment of

HEPATO-BILIARY DISTURBANCES

Felamine Tablets contain cholic acid and hexamine without any other vegetable or mineral components. They act as a powerful choleretic and cholagogue, while exerting an antiseptic action on the biliary tract.

Particulars and samples from

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FOR DIABETICS

Fruit squashes without added sugar

PLEASANT and refreshing Fruit Juice drinks without added sugar, specially prepared by the makers of Rose's Lime Juice.

3/-
PER
BOTT

ROSE'S

DIABETIC

LEMON AND ORANGE SQUASHES

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THE ORIGINAL SPONGE RUBBER

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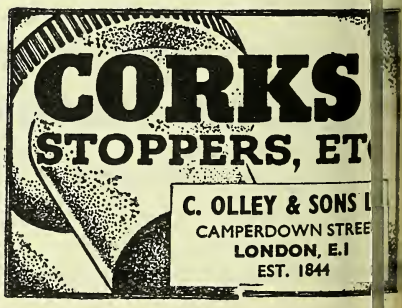

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During May sales will rise rapidly. A
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And all through summer the new 16/6*d.* ' Endura ' Creme Rapic
Perm will be heavily advertised, developing **a** flow of effortle
directed to your pharmacy. Remember, ' Endura ' is sold
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margin to you is better than any other. The new 16/6*d.* ' Endura '
Rapid is the only really *complete* outfit. It has m
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Di butors to Endura (England) Ltd.
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Increased contents
New lines
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WATERPROOF ELASTOPLAST

From May all Waterproof Elastoplast lines will be even better value. Here are the changes—all in *Waterproof* Elastoplast:

9d. IN: INCREASED CONTENTS

Now it contains 8 Waterproof Dressings with t any increase in price.

NE MEDICAL AND FACTORY FIRST AID OUTFIT

This new outfit contains 114 Waterproof Dressings and sells at 10/6. It provides a wide assortment of dressings—in the five most used sizes—a series of sizes endorsed by medical opinion:

tl y-six 1½″ × 1″ strip dressings
tl y-six 2½″ × 1″ ,, ,, ,, ,,
tw ve 1½″ × 1½″ wound dressings
tw ve 3″ × 2″ ,, ,, ,, ,,
ei teen patchettes

NE UNIT PACKS OF DRESSINGS

New acks of all-one-size Waterproof Dressings pecially for you to sell to factories, shops and garages and as refills for the Medical and Factory First Aid Outfit.

Boxes of 36 dressings 1½″ × 1″ retailing at 2/6 each
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Boxes of 36 dressings 1½″ × 1½″ retailing at 3/6 each
Boxes of 36 patchettes ⅞″ diameter retailing at 2/0 each
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REDUCED PRICES FOR WATERPROOF PLASTERS

Spools 1″ × 3 yds. old price 2/- new price 1/9
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BIGGEST-EVER ADVERTISING CAMPAIGN FOR ELASTOPLAST SUMMER SALES

The ggest-ever Elastoplast press advertising campaign is beginning now. The Elastoplast message will app in larger spaces in the mass-circulation national newspapers and magazines. You can link up with s big sales effort by displaying the

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This plourful, practical sales-aid, features the Elast ast Boy—a likeable young rascal that every moth knows. This card is your most effective link with the great press advertising campaign. To g t take up one of these offers:

TWO SPECIAL DISPLAY PARCELS. Specially attractive terms

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Elastoplast
TRADE MARK

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the Dunlop range of . . .

★ *Hot Water Bottles*
★ *Children's Hot Water Bottles*
(INCLUDING THE NEW CLOWN)
★ *Household Rubber Gloves*
and Chemists Sundrie

at the DUNLOP STAND D 3
BRITISH INDUSTRIES FAIR · OLYMPIA 1949
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Delavelle IS AT THE *B.I.F*

We shall be proud to sho the Delavelle perfume and ranges, and the latest material which will turn the Delavelle products into profit lines for you.

STAND No. D.6
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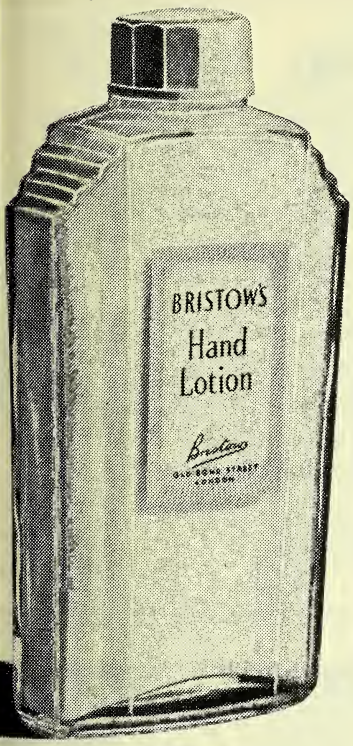
Creators of fine perfumes since 1880

BLUE ORCHID PERFUME AND TOILET SERIES · GARDENIA · DEVON VIOLETS · GARDEN FLOWER
EAU DE COLOGNE AND OLD ENGLISH LAVENDER



A new formula and a new efficiency

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It speaks well for Bristow's new perfected Hand Lotion that practically every woman on the test panel demanded to know when it would be in the shops. After months of exhaustive research this was just what we wanted to hear — for we knew we had a product that in every way carried on the Bristow tradition of quality.

RETAIL PRICE	TRADE PRICE	PURCHASE TAX
2/6 *including Pur. tax*	12/- *per dozen*	12/- *per dozen*

Ask our representative for details of quantity terms.

Bristow's HAND LOTION

T. F. BRISTOW & CO. LTD., BOSTON MANOR ROAD, BRENTFORD, MIDDLESEX

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MERCOLIZED WAX
for the complexion

CLYNOL BERRIES
for obesity

SUPPLIES NOW AVAILABLE IN ANY QUANTITY

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DISPRIN

THE PRESCRIPTION PACK

containing 216 tablets

Now free of Purchase Tax

FROM NOW ON, doctors in reasing numbers and with grow- frequency will be prescribing sprin. This special Prescription ck—not for retail sale—is designed your greater convenience in eting such requirements. Inside s drawer-pack, 18 dozen Disprin tablets are air-sealed in foils, six tablets to a foil. The dispensing of any small or large number of tablets is a matter of the utmost simplicity and ease. These air-sealed foils are specially chosen to give the best possible protection to the tablets until consumed.

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There is a 2/- bottle for counter sale.

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Gloria PEARS NEW LIQUID SHAMPOO

COMPETITION OFFERING
FREE OVER £6,000
IN CASH AND FUR COATS
Starting soon

SPECIAL DEALER PRIZES

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FREE £560
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Send in your Gloria order NOW. FREE display Cards and Entry Forms with full competition details will be supplied you. Feature Gloria Shampoo in your window and on your counter.

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AND BEAUTY AIDS
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'Tineafax' brand preparations contain *undecylenic acid*—a new, specific antifungal agent of proved effectiveness in "athlete's foot" and similar dermatophytoses.

'Tineafax' brand Ointment is intended for the treatment of established infection; 'Tineafax' brand Powder as an adjunct to the Ointment and for prophylactic use. Both products are clean and pleasant to use, non-staining and free from objectionable odour. The Ointment is issued in collapsible tubes of 1 oz. (approx.); the Powder in tins of 2 oz. Separate display outers available.

the answer is 'TINEAFAX'

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Each product retails at 2s. 6d. plus 7½d. Purchase Tax

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by instillation into the nose and eye of

ANTISTIN - PRIVINE

This solution not only produces a marked decongestive effect, but has a powerful anti-allergic action. It may also be used in such conditions as vasomotor rhinitis and allergic conjunctivitis

Bottle of ½ fl. oz. 4/- : 4 fl. ozs. 22/- : 20 fl. ozs. 88/-

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4/49

The

CHEMIST AND DRUGGIST

RETAILER—WHOLESALER—MANUFACTURER

MAY 7, 1949

ıblished weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

Single ies 1/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

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NEWS OF THE WEEK

ıational Veterinary Congress.—urteenth International Veterinary ss is to be held at Central Hall, nster, London, from August 8-13.

Authorities.—The Home Secretary ored to Robert Archibald Herschell , M.B., Ch.B., the authorities him by Regulations made under ngerous Drugs Act, 1920. The ties granted to Alexander Watt, Ch.B., Bel-Air, Balmore Terrace, ad, have been withdrawn.

ısel's Opinion on Bill.—The pro- of the private members' Analgesia dbirth Bill, which goes into its Com- stage in mid-May, have taken coun- pinion on whether the powers it to create were already held by the r of Health. In counsel's view the l Health Service Act imposes no nd specific duty on local health ties to provide analgesia services, t thought that the Minister has the to require the provision of services cifically mentioned in the National Service Act.

Manufacturers' Honey Allocations.—The Ministry of Food is considering the allocation of imported honey of manufacturing grade to manufacturers who wish to obtain supplies but have been unable hitherto to establish an entitlement on the grounds of basic usage. To assess the total quantity likely to be needed local Food Offices are inviting eligible manufacturing chemists (*inter alia*) to state the quantity they could make use of in a twelve-monthly period.

Licences for Soap Manufacture.—From May 22, soap-making licences are to be granted to intending manufacturers who have the necessary plant and facilities for making soap. Applications should be addressed to the Ministry of Food, Oils and Fats Division, London Road, Stanmore, Middlesex. Manufacturers of unrationed soap products, who obtain supplies of soap base by means of a permit "soap 2A", are to be granted a 10 per cent. increase in their 4-week allowances as from May 22 on application to their local Food Offices.

D

Price Regulation Committees. — The Price Regulation Committees Regulations, 1949, which came into operation on May 2, consolidate and amend the provisions of the Price Regulation Committees Regulations, 1941 (S.R. & O., 1941, No. 1978) as amended (see *C. & D.*, 1948.II.404).

N.H.S. Containers for Tablets, etc.—A Ministry of Health circular to Executive Councils and Pharmaceutical Committees says that until a reference to minimum standards for cardboard or paperboard containers (now under consideration by the British Standards Institution) can be included in the Drug Tariff, boxes in which small numbers of tablets, pills, etc., are issued must be large enough to bear a label on which the directions can be clearly shown.

Extra Soap for Patients.—The Minister of Food has decided that bedridden patients who suffer also from a condition for which extra soap is granted may receive both the special allowance of soap appropriate to their condition and the one extra ration of soap to which they are entitled because they are bedridden. Doctors have been reminded that patients whose condition requires the liberal application of ointments, pastes or similar preparations qualify for one extra soap ration per week on presentation at a local Food Office of a medical certificate stating that the patient requires soap for that reason.

Diamorphine Linctuses.—The Home Office has drawn the attention of the Ministry of Health to an error in the official notice about the dispensing of linctus diamorphinæ, N.[W.]F. (*C. & D.*, April 23, p. 533). The only prescriptions for Dangerous Drugs that may be ordered by title are those named in the British Pharmacopœia, British Pharmaceutical Codex, or Drug Tariff. Other prescriptions, not written out in full, may be dispensed, but must be returned to the doctor for amplification. The N.[W.]F. is no longer a recognised formulary, and a chemist would be acting illegally in dispensing linct. diamorph., B.P.C., when linct. diamorph., N.[W.]F., which is no longer included in the Drug Tariff, is prescribed. In other respects the notice previously issued was correct.

Plastics Federation Luncheon.—The chairman of the British Plastics Federation (Mr. C. F. Merriam) presided at the annual luncheon of the Federation in London on April 26. Proposing "The Guests," the industry was trying to establ standards of quality and performar the least important contribution purpose was made by the recentl duced certification marks scheme. put capacity of the industry was creasing, but education continued on what plastics would and would From the chemical industry, whic be regarded as the parent of plas call would be for materials to ev exacting specifications. Mr. Harry (Swedish Plastics Federation) replie toast on behalf of the guests, amon were Sir Harry Jephcott (chairma ciation of British Chemical Manufa Mr. J. Davidson Pratt (general m and representatives of the plastic tries of Denmark, France and Norw Nyström said there were now ab plastics presses in Sweden, with an capacity of 800,000 tons annually the end of the 1939-45 war most raw materials for the industry ha imported from Great Britain.

Health Service Resolutions.— ber of resolutions concerning the N Health Service are to be discussed nineteenth annual meeting of the Medical Association in London on and 8. One calls upon the Min Health to introduce the principl full-time salaried service affecting tors within N.H.S.; another suppo pital pharmacists in their claim for remuneration. Several resolutions u establishment of health centres as possible, and one suggests that the lities should be restricted to patients. A resolution from the B ham Branch demands arrangements dispensing of urgent prescriptions time and that patients visiting their after finishing work should be able their prescriptions dispensed the evening. A resolution from the phar tical group of the Association a Government for legislation to cont "excessive charges and the extra claims" made by proprietary m manufacturers, and proposes that th ciation should set up a subcommitte vestigate costs of materials used.—T operative Party Conference recently a resolution urging a Government gation into proprietary medicines w objects of controlling the prices o considered to have curative value suppressing those found useless.

LOCAL NEWS

e at Port Sunlight. — Birkenhead rral Pharmacists' Association held al dance at Port Sunlight recently. iests included the mayor and s of Bebington and the mayor of ead.

ists' Golf at Tynemouth.—The nberland and Durham Chemists' Society played at Tynemouth on . The Evans cup was won by Mr. trong, Seaham Harbour, and pre- y Mr. W. J. Merrick (Evans Medi- Sblies, Ltd.). The McClure tankard by Mr. R. Henry, Newcastle, and l prize (four golf balls) was won by Duncan, North Shields.

dale Child Welfare Prescriptions. lale Town Council has decided til satisfactory arrangements are the Rochdale Executive Council supply of drugs, etc., to patients ild welfare clinics from local che- e medical officer is to arrange for o be issued requiring chemists to he drugs not available at clinics ost of the Corporation.

Lecture on Crime Detection.— e on "Science as an Aid in the n of Crime" was given at a meet- he Leeds Branch of the Pharma- Society, held recently, by Detec- ector G. W. Towels (Forensic Laboratory, Wakefield). The said the French police authorities ome interested in the subject at nning of the century, and interest ead to other European countries the United States before scientific the police had been adopted in ritain. At first the services of con- scientists had been used but, as lt of the work of a committee set 936, seven regional forensic science ries had been established under the Office. Inspector Towels then gave s of how convictions had been l as the result of investigations out in the laboratories. Forensic he said, was based on Locard's e theory. The essence of the was that no person could enter a vithout leaving behind some evi- hat he had been there, or leave taking out some evidence with After the lecture, Mr. V. Kulanaya- nior assistant Government analyst, o), described his work in Colombo.

OVERSEAS NEWS

Blood Test for Cancer.—Details of a blood test for cancer, which has proved positive for all cancer patients, and negative for all other subjects on which the test has been tried, were announced by Professor C. B. Huggins (chairman of the committee on cancer of the University of Chicago) at the annual meeting of the American Association for Cancer Research, recently. The test is based on the difference in the coagulability of the blood albumin of cancer patients and healthy subjects when the blood is heated with iodoacetate. Though other conditions, such as tuberculosis, meningitis, etc., produce a similar coagulability effect to cancer, these conditions can be eliminated by normal clinical examination.

Indian Pharmaceutical Importers.—At the ninth annual meeting of the Pharmaceutical and Allied Manufacturers' and Distributors' Association, Ltd., held in Bombay recently, the following officers were elected for the year 1949-50:—*President*, Mr. R. Lumley, M.P.S.; *Vice-president* and *Treasurer*, Dr. T. A. Schinzel, D.Sc. (Paris); *Secretary*, Mr. G. W. Gosling. Mr. F. W. Griffin, M.B.E., B.Sc., B.Pharm., the retiring president, said that the Drugs Controller, India, had informed the Association that no new drugs would be allowed to be imported into India without the Controller's sanction. Drugs which had been accepted by the Governments of the exporting countries, he said, would almost certainly be allowed automatically to be imported into India.

South African Pharmaceutical Society.—The fourth annual meeting of the South African Pharmaceutical Society was held in Durban recently under the chairmanship of Mr. B. A. Jacobson. The deputy mayor of the city opened the meeting, which was attended by fifty delegates from the Society's branches. Mr. C. W. Maplethorpe (a Council member of the Pharmaceutical Society of Great Britain), who was present as a distinguished visitor, presented the Council of the South African Society with a Lambeth drug jar on behalf of the Council of the Society of Great Britain. During a discussion on South African health services the president invited Mr. Maplethorpe to outline how the National Health Service operated in Britain. Two new branches were admitted to the Society, bringing the total of branches up to fifteen, representing

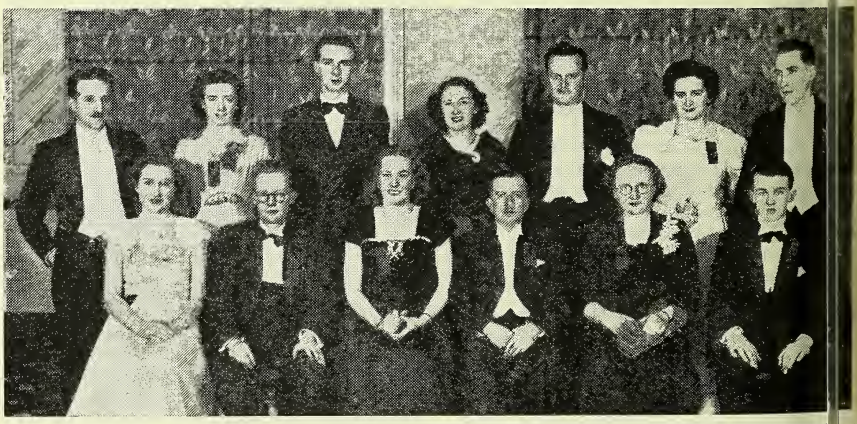
96 per cent. of the chemists and druggists engaged in retail and wholesale throughout the country. A resolution asking the South African Pharmacy Board to revise the present poisons regulations was unanimously adopted. In the discussion, Mr. E. E. Seymour said that the Board was making representations to the Government to see that certificates authorising the sale of poisons were not issued indiscriminately.

IRISH NEWS

Medical Film Shows. — Film shows of interest to the medical and pharmaceutical professions were given by Evans Medical Supplies (Ireland), Ltd., at Galway on April 19 and at Limerick on April 21 and 23. The programmes included "Take Thou," "Blood Transfusion," "The Nose Has It," and "Your Children's Teeth." At Galway the mayoress of Galway (Dr. M. Costello) presided, and the films were introduced by Mr. W. R. Such (managing director). At Limerick, Mr. P. J. Hogan (chairman, Limerick Chemists' Association) presided.

Payments to N.I. Chemists. — At a meeting of the Northern Ireland General Health Services' Board in Belfast on April 28, it was stated that the interim payments to chemists for drugs and appliances during March had amounted to £87,178 against an estimate of £87,100. The secretary reported the case of a w from Northern Ireland who had been seriously ill on a day trip to Dubli who, as a result, had incurred bil drugs amounting to £59, and ha quested the Board to pay. It was d that the woman should be informe the Board could not make a payme cover drugs purchased south of the B

Dublin Students' Activities.—The dent of the Irish Pharmaceutical Stu Association (Mr. John F. O'G attended the seventh annual confere the British Pharmaceutical Students' ciation, held recently in Glasgow, an a paper on the problems of Irish pha students (see p. 612). He suggeste the present apprenticeship system sho replaced by a three-year course of ful study with a year of practical study form of an articled apprenticeship further urged the affiliation of the C of Pharmacy to the National Univers Ireland, the Pharmaceutical Societ taining the right to examine in fo pharmacy. On April 26, under the au of the Irish Pharmaceutical Students' ciation, Dr. Bladergroen (Sandoz, lectured in Dublin on "Ergot and Alkaloids." The Association is hold dance at the Crystal Ballroom, D on May 17, to raise funds for st activities.



CORK GUILD DANCE.—*The annual dance of the Guild of Pharmacy (Cork Centre), held recentl attended by 300 guests. Mr. W. G. Fox was compère, and those present included Mr. and Mrs. R. Mr. and Mrs. L. P. Johnson, Mr. and Mrs. O'Neill, Mr. and Mrs. J. Meehan, Mr. and M Maloney, Mr. and Mrs. C. O'Leary, Mr. and Mrs. Vance, the Misses N. Murray, B. Do E. Flemming, P. Hans, F. Murphy, M. O'Neill, S. Barry, N. McCarthy and Messrs. O'Hanlon, Fle Fanning, Foley, Mulcahy, O'Byrne, Martin, Dunlea and Dennehy. The illustration shows members social committee with Mr. T. Lyons (chairman) in the centre of the front row.*

TOPICAL REFLECTIONS

Industries Fair

r advance notice of the British In-s Fair (pp. 564-78) has given readers d idea of what they may wish to e among the multiplicity of goods w in the various sections: I refer mination as distinguished from casual g. While it may not be necessary ry manufacturing house in the drug hemical industries to take space at ir every year, I venture to hope that f these houses will be exhibitors in ears. There are two reasons for this tion. One reason is the continuing ance of the country's export trade, which public opinion is unanimous. ther is the need to ensure due prom- for products so essential as those on drugs and chemicals; in that class ide such sundries as goods made from materials. While visiting the Fair t years I have occasionally suspected was evolving—or degenerating—into d of glorified furnishing showroom. ought not to happen. The contents Fair should be a balanced collection nples of every significant British in- . Something is obviously wrong if, stance, visitors find that manufac- of cheap toys occupy collectively five times the amount of space d to manufacturers of fine chemicals. her this point has ever been put to romoters of the Fair I do not know; is worth considering when matters licy are being discussed.

ottish Election Method

e new method of electing the Execu- of the Scottish Department of the naceutical Society, if I have read cor- a news paragraph on p. 546, really ses existing practice. In your inter- article published in connection with ubilee of the North British Branch (as Department was then called) in 1901 (*C & D.*, 1901.II.992), it was mentioned at the annual meeting of the Branch 853 a president, vice-president and e other members constituted the Com- e; this body was soon renamed the cil, and retained that name till 1886, en a fresh constitution was granted to Branch after a lengthy dispute with quarters." On referring to the calen- of the Society for the terms of this itution, I was surprised to find that expression "North British Branch" comprised specified classes of persons and property but no ordinary members of the Society. However, the Branch has flourished in spite of this disability: the success of the Edinburgh evening meetings has been specially noteworthy. The Executive set up in 1886 consisted of "not more than twenty-one members" elected annually, together with the president and vice-president of the Society and any members of the Council resident in Scotland. Looking up the results of several of these annual elections, I have not found one in which more than eighteen members were elected at one time.

Old Scientific Apparatus on View

The Science Museum in South Kensington has on view till September a remarkably attractive collection of scientific apparatus, most of which was assembled for the instruction of the children of George III. A guide, written by Mr. J. A. Chaldecott, is a great improvement on the average catalogue, as it gives concise information regarding the state of chemistry, electricity and other sciences in the late eighteenth and early nineteenth centuries, with biographical notes and a short bibliography. Though one does not ordinarily associate the name of George III with an interest in science, it appears that he did in fact acquaint himself with what was being done by some experimenters in "natural philosophy." I noted, among other things, a thermoscope worked with coloured water, a cryophorus, Dr. North's apparatus for charging water with carbon dioxide, a pocket microscope with an ivory ball for its stem, a carbon electric arc lamp "probably dated about 1820," and several unusually designed barometers and thermometers. One thermometer had four scales. A study of instrument makers' catalogues has led to the inference that much of the Royal apparatus was supplied from stock, though possibly it was examined with special care before dispatch. The materials chiefly used, in addition to glass, were brass and mahogany. While the carpentry "reveals very great skill," the quality of the glass-work is more varied: at the period covered by the collection the manufacture of glass-ware had not been put on a satisfactory basis. It is rather surprising that so much fragile material has survived its change of domicile; it has been divided and sent wandering since 1841.

Xrayser

NEW COMPANIES

H. B. Reid, Ltd. (P.C.).—Registered in Edinburgh. Capital £1,000. To carry on the business of chemists, druggists, etc. Isabella Reid, Kenneth neth Street, and Catherine Sinclair, directors. Duncliffe House, Wick, Caithness.

Leopold Weis (Oils & Oil Seeds), Ltd. (P.C.). —Capital £10,000. To acquire the business of an oil and oil seed broker now carried on by Leopold Weis at 24 St. Mary Axe, London, E.C. Leopold Weis, Maud A. Weis, 76 Westbourne Terrace, W., and Miss Ethel E. Hack, directors.

G. Turner (Biggleswade), Ltd. (P.C.).—Capital £5,000. To carry on the business of manufacturing, pharmaceutical and general chemists, etc. Nancie Smith, Charles J. Smith, and Arthur H. C. Crick, directors. R.O.: 63 High Street, Biggleswade.

Shawyer & Blake, Ltd. (P.C.). — Capital £15,000. To acquire the business of wholesale and retail chemists, opticians, druggists and retail photographers carried on at Swindon as Shawyer & Blake. Arthur J. Shawyer, M.P.S., and Arthur M. Blake, M.P.S., directors. R.O.: 12 Wood Street, Swindon.

Autosan Products, Ltd. (P.C.). — Capital £10,000. To carry on the business of manufacturers of, and dealers in, chemicals, hygienic cabinets, chemical solvents, drugs, medicines, etc. Edward Hopkins, Col. William B. J. O. Mitford and Catherine Macdonald, directors. R.O.: 9A Craven Hill, London, W.2.

Wick Industries (Chemists), Ltd. (P.C.).—Capital £500. To carry on the business of manufacturers, importers and exporters of, and dealers in, pharmaceutical, veterinary and chemical and other preparations, etc. Sidney G. Brooks, Phyllis M. Brooks, Albert G. E. Cooper and Evelyn Cooper, directors. R.O.: 256 Wick Road, London, E.9.

Company News

Cow & Gate, Ltd.—Dividend for the year ended September 30, 1948, is maintained at 15 per cent. on old capital, with an interim dividend of 5 per cent. on increased capital.

Prichard & Constance (Mfg.), Ltd.—Miss K. M. Samuels has resigned from the position of managing director of the company and of Pompeian Co., Ltd., after twenty-seven years' service.

William Blythe & Co., Ltd.—Net profit for 1948, after taxation, amounted to £112,183, against £104,827. The total dividend is maintained at 30 per cent. by a final dividend of 20 per cent.

Sternol, Ltd.—Net profit for 1948, after tax deductions, amounts to £18,050, against £30,194 in the previous year. Preference dividend arrears for two years takes up £13,200 (the same) and £16,260 is carried forward (£11,409).

F. W. Berk & Co., Ltd.—The offer for sale of 200,000 4½ per cent. £1 cumulative preference shares at 21s. per share (see *C. & D.*, April 30, p. 550) was heavily oversubscribed. The underwriters, however, were called on to take up approximately 48 per cent., of the 240,000 ordinary shares of 2s. 6d. each offered at 15s. 3d. per share.

Beecham Group, Ltd.—The directors a that, through their subsidiary, County P Co., Ltd., manufacturers of Brylcreem a products, they have acquired the whole share capital of Drugs, Ltd., manufacture vikrin products and Kemt. Drugs, Ltd., tinue its activities as a separate entity, M Houchon remaining as managing director.

British Dyewood Co., Ltd.—Dr. W. M ming, O.B.E., F.R.I.C., M.I.Chem.E., F director of the School of Chemistry and Professor of Technical Chemistry in th Technical College, Glasgow, has accepted vitation to fill the post of technical dir the company and its associates. He will co his duties in September.

Pond's Extract Co., Ltd.—Mr. W. F has retired from the board of directors by and Mr. G. H. Coles has been appo director in his stead. Mr. King, who is to retire from active business, has agreed tinue to exercise his functions in the sales ment for a further six months during the t period.

Cooper, McDougall & Robertson, L profit of parent company for 1948 amou £92,449, against £90,177 in the previou Consolidated net profit amounted to (£106,010). An ordinary dividend is recom of 5 per cent., compared with 8 per cent. to contingency reserve, £40,000 (against to general reserve); £61,360 is carried (£60,360).

BUSINESS CHANGES

The Northern Ireland General Healt vices Board has removed to 9 Upper Queen Belfast.

Mr. H. J. Kenney, M.P.S., 76 Victoria New Brighton, is shortly to open a branc macy at The Promenade, New Brighton.

N. & M. Gould, Ltd., 62 Stoney Lane, E.C.3, now have the following telephone nu Bishopsgate 1172-73-74.

Lincoln Distributors, manufacturers of sifiers, etc., have removed to larger premis Shaftesbury Mews, Stratford Road, Ken London, W.8 (Telephone: Western 9220).

Chas. Beauclarke, artificial limb and appliance manufacturers, have closed the mises at 6 Neville Street, Newcastle-on-T All communications should be addressed Blackett Street, Newcastle-on-Tyne, 1.

Vitamins, Ltd., have appointed Mr. F. D their resident representative in the Middle territories, covering Egypt and the Sudan, Cyprus, Syria and Lebanon, Israel, Trans Iraq and Iran.

Damancy & Co., Ltd., manufacturing c 41 High Street, Harrow-on-the-Hill, Mi have appointed Mr. R. T. Hughes, M.P Druid Stoke Avenue, Stoke Bishop, Bris their representative for South-west Englan Wales.

WEEK IN PARLIAMENT

. M. SNADDEN asked the President Board of Trade on April 26 how ngineers or inventors had served on an Committee on whose report the Bill was founded. MR. J. EDWARDS mentary Secretary) replied that five nine members of the Swan Commit- been engineers or technologists. He information whether any of the s were inventors in the sense of inventions for which patents were ..

of Purchase Tax Changes

NEL J. R. H. HUTCHISON asked the llor of the Exchequer on April 26 r, in considering a scheme for meet- ilers' losses following a purchase tax on, he would consider also the ad- y of making purchase tax changes r times than Budget time, thereby ting public anticipation. SIR STAF- RIPPS replied that he would.

ptions at School

D. L. LIPSON asked the Minister of if he was aware that, when children iven prescriptions by a doctor at a clinic, their parents had to pay the for the medicine supplied, and r, as this was contrary to the prin- f the National Health Service, he take steps to amend the regulations o provide that no charge should be

ANEURIN BEVAN said that any medi- upplied at these clinics were pro- free. If a school medical officer t a pupil required a prescription, he no doubt refer the parent to the al Health Service doctor, who could be for free supply under the Service. ng to further questions he said that hole difficulty was to operate the al Health Service through the grant- medical service. Little difficulty need erienced by a person going to his amily doctor. It was the intention ally to assimilate the therapeutic side school medical service into the al Health Service.

st-of-living Inquiry

LESLIE HALE asked the Chancellor Exchequer if he was prepared to t a standing committee on the cost g and the conditions of the people. replied SIR STAFFORD CRIPPS.

LEGAL REPORTS

Alleged Incorrect Description. — Stotherts, Ltd., manufacturing chemists, North Road, Atherton, Lancs, were summoned at the Liverpool magistrates' court on April 27 for supplying a cough mixture not correctly described by the label. A food and drugs inspector was stated to have purchased six bottles of Glempec cough mixture from a local retailer. Labels on the bottles stated that the ingredients included 1.2 per cent. of glycerin. It was alleged that a sample analysed contained no glycerin. For the company a plea of not guilty was entered, and it was stated the case would be defended with the utmost vigour. The chief chemist of Messrs. Stotherts said he considered his own test, which in one of the official samples showed a glycerin content of 1.03 per cent., to be more efficient than that of the deputy city analyst. Owing to the conflicting analytical evidence it was decided to send a sample to the Government chemist for analysis.

An Imputation Withdrawn.—A libel action brought by the Chief Constable of Southport against the Daily Herald, Ltd., in connection with an article headed "Poisons Check is Clements Case Echo," in the "Daily Herald," was mentioned in the High Court, London, on April 13. Mr. Justice Hilberry was informed that the parties had come to terms, and an agreed statement was read that, shortly before the article appeared on July 1, 1947, a Dr. Clements had been found guilty on a coroner's inquest of murdering his wife by administering morphine to her and of committing suicide by the same means. The statement continued "It is part of the Chief Constable's duties to cause periodical inspections of the Dangerous Drugs registers kept by chemists, and the article said that, as a result of the inquest, the Home Office sent letters to Chief Constables emphasising that they required a regular inspection of poisons registers. No such letter had been sent by the Home Office, and there had been no suggestion that the Southport police had not properly carried out their duties. The 'Daily Herald' realise that there is no ground whatever for the imputation of negligence and incompetence conveyed by the article, and they are prepared unreservedly to withdraw such imputation." The proprietors of the newspaper agreed to pay a substantial sum to the plaintiff by way of damages and costs.

DEATHS

Buick.—Mr. Charles A. Buick, M.P.S., Port Glasgow, whose death was briefly recorded last week (p.551) was a native of Greenock. He served his apprenticeship in that town with the late Mr. W. Bruce Wright, subsequently acting as assistant to the late Mr. A. C. MacIntyre, Greenock. He qualified in 1919 and in the same year entered into partnership with Mr. James MacNaughton under the style MacNaughton & Buick. In 1930 he became sole proprietor of the business. Mr. G. H. Armitage writes: As a colleague of the late Mr. Buick on the Joint Committee on a National Health Service, and on delegations to the Ministry of Health at Whitehall, I would express a personal appreciation on the part he took in the discussions on pharmaceutical affairs, especially where terms of remuneration and security of tenure in retail pharmacy were concerned. Pharmacists both sides of the Tweed owe a debt of gratitude to the fight he put up. In all matters Mr. Buick's outlook was realistic, his expression of opinion forthright yet courteous. I feel sure retail pharmacists in Scotland will miss his presence both as an individual and as holder of the office of president of the Scottish Pharmaceutical Federation.

Dunstan.—On April 20, Sir Wyndham Dunstan, K.C.M.G., M.A., LL.D., F.R.S., for many years director of the Imperial Institute. Born in 1861, Wyndham Dunstan became University lecturer in chemistry in its relation to medicine at Oxford in 1885. After joining the Pharmaceutical Society's College as Professor of Chemistry, he later held the professorship at St. Thomas's Hospital, 1892-1900, while also acting as secretary of the Chemical Society. From 1894 to 1924 he was on the staff of the Imperial Institute, occupying the post of director from 1903 to 1924. In organising the Imperial Institute as the chief centre of scientific and technical information on the economic resources of the British Commonwealth, he greatly extended the laboratory work and intelligence services of the Institute, and took much interest in the reorganisation and development of the public exhibition galleries with their collections of products of all countries of the Commonwealth. He did notable work in connection with the development of overseas industries concerned with rubber, vegetable oils, drugs and other plant products

Edwards.—On April 22, Mr. Charles Edwards, Winstowe, St. Le on-Sea, formerly of Hastings, aged Mr. Edwards qualified as a chem druggist in 1891 and was for thir years on the staff of Boots, Ltd. he retired from the company in 1 was sundries buyer for the comp Farringdon Road, London. He t quired pharmacies in Queen's Roa London Road, King's Road, and Ev Place, Hastings, which he conducte 1937. He was a director of Paine, and Co., Ltd. Mr. Edwards was a inent Freemason.

Fox.—Recently, Mr. Ernest Mi Fox, M.P.S., 294 Balby Road, Do Yorks. Mr. Fox qualified in 1920. at one time secretary of the Do Branch of the Pharmaceutical Soci

Kipping.—At his home at Cr North Wales, on May 1, Professor Kipping, F.R.S., formerly Profes Chemistry, University College, N ham. Born in Manchester in Frederick Stanley Kipping was educa Manchester, Caen, and Munich Uni After three years as chemist to the chester Corporation Gas Works, he went a further period of study in Ge and was appointed to the chair of istry at Nottingham in 1897. He re at the University until his retirem 1936. At the age of thirty-four Pr Kipping was elected to the Royal S and served on its Council, 1911-14; awarded the Society's Davy medal in With the late Professor Perkin, F.R. was the author of a standard textbo organic chemistry.

Lee.—On April 23, Mr. John Lee, M.P.S., The Pharmacy, High Neston, Chester, aged eighty-four. Lee qualified in 1890.

Mylius.—On April 10, Dr. Mylius, president of J. R. Geigy, Basle, Switzerland. He had been wi company for fifty years.

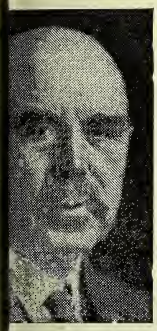
Prestwich.—On April 15, Mr. Prestwich, M.P.S., 356 St. George's Deepdale, Preston, Lancs. Mr. Pres qualified in 1929.

Ramsay.—At a nursing home in burgh on April 29, Mrs. Agnes Ra wife of Mr. John H. Ramsay, Ph.C Observatory Road, Edinburgh.

PERSONALITIES

J. T. W. Binns, M.P.S., Chichester, n appointed a representative of the ussex Pharmaceutical Committee on l Executive Council.

John Hague, M.P.S., J.P., Lincoln, ired from business at the age of seventy-eight, after spending a total of sixty-four years in the profession. Mr. Hague, who was apprenticed in the business in Lincoln formerly owned by F. J. Clarke, the originator of Clarke's blood-mixture, served in his earliest working days as an errand boy at 3s. per week. After qualifying in 1894, however, Mr. established himself in business in . He became an active worker in ceutical and civic affairs, and in was elected mayor of the City. holding that office he was presented I. King George V, at St. James's In 1925 he was elected chairman National Pharmaceutical Union. Mr. is remaining active in public life, s just been appointed chairman of neral Commissioners of Income Tax City of Lincoln, for the tenth con- e time. Mr. Hague contributed an on his experiences in pharmacy in & *D.*, 1946.II.782.



A. Hamilton, Paisley, has been president of the British Pharmaceu- Students' Association for the year o. He is a student at the Royal cal College, Glasgow.

s Doreen Murgatroyd, M.P.S., has appointed superintendent of the eastern Pricing Office of the Joint g Committee for England, follow- e retirement of Mrs. J. K. Irvine, . (A biographical note on Miss Mur- d was published in the *C. & D.*, , p. 456).

D Trent (chairman of Boots Pure Co., Ltd.) was installed Chancellor University of Nottingham at a cere- held at the University on May 3, the University celebrated its advance he status of University College. Later eived an honorary LL.D.

INQUESTS

Symptoms Masked by Penicillin.—At an inquest at St. Pancras, London, recently, on a fifty-year-old man, it was stated that an injection of penicillin had hidden symptoms of an abscess from which he was suffering. As the doctor who examined him could find no evidence of serious illness, the man had been sent home, where he died. A post-mortem examination revealed that the abscess was the cause of death. A verdict of death from natural causes was returned.

Morphine from R.A.F. Ambulance.—An inquest was held at Salisbury recently on an eighteen-year-old R.A.F. medical orderly who died after administering to himself by injection half a grain of morphine obtained from an R.A.F. ambulance. The man had told two Service friends (one an orderly) he had taken half a grain of morphine in mistake for a quarter of a grain, but neither had believed him. The next morning he was found sleeping heavily and could not be wakened. The coroner said: "It seems to me we get medical orderlies who can treat dangerous drugs lightly. They should not have the chance to get at these dangerous drugs." He recorded a verdict of "death from asphyxia due to self-inflicted morphine poisoning."

COMING EVENTS

Monday, May 9

South Shields Pharmacists' Association, Dorset Café, Ocean Road, South Shields, at 7.15 p.m. Social evening. Tickets from Mr. Turner Bell, 9 Woodbine Street, South Shields.

Wednesday, May 11

Tees-side Branch, Pharmaceutical Society, Cleveland Scientific and Technical Institute, Corporation Road, Middlesbrough, at 7.15 p.m. Annual meeting.

Thursday, May 12

Harrogate Branch, Pharmaceutical Society, Fuller's Café, Harrogate, at 7.30 p.m. Mr. H. M. Hirst (a member of Council) on "Retail Pharmacy, Retrospect and Prospect."

Leeds Branch, Pharmaceutical Society, Metropole Hotel, Leeds, at 7.30 p.m. Annual meeting.

Saturday, May 14

National Chamber of Trade, Leas Cliff Hall, Folkestone. Annual meeting and conference (continuing until May 19).

Monday, May 16

Birmingham Branch, Pharmaceutical Society, Imperial Hotel, Temple Street, Birmingham, at 7.45 p.m. Annual meeting.

Leeds Branch, National Pharmaceutical Union, Metropole Hotel, Leeds, at 7.45 p.m. Annual meeting.

TRADE NOTES

Marketing Changes.—On another page of this issue, T. J. Smith & Nephew, Ltd., Hull, give details of changes in contents, range and prices of waterproof Elastoplast.

Again Available. — Peat Products (Sphagnol), Ltd., 3 Carmalt Gardens, London, S.W.15, are again offering Sphagnol shaving sticks. Terms are given on another page.

Change of Formula.—A new formula has been adoped by T. F. Bristow & Co., Ltd., Boston Manor Road, Brentford, Middlesex, for Bristow's hand lotion. Chemists are invited to ask representatives of the company for details of quantity terms.

Teething Jelly.—A new product, Hewlett's teething jelly, is being advertised to the public through the medium of women's journals by the manufacturers, C. J. Hewlett & Son, Ltd., 35 Charlotte Road, London, E.C.2.

Prices in Advertisement.—Fubex, Ltd., 27 Albemarle Street, London, W.1, point out that an advertisement for Flyol and Motholin in the *C. & D.*, April 15 should have given 2s. 11d. and 23s. 3d. as the retail and trade prices of Motholin.

Advertising Campaign. — Advertisements are now appearing in the daily Press and in many women's periodicals for Velena soluble sanitary towels. Supplies are obtainable from usual wholesalers, or direct from Velvet Crepe Paper Co., Ltd., Alperton Mills, Alperton, Middlesex.

A New Hairbrush. — The Spa hairbrush N.H. 22, with six full rows of Nylon tufts, and handles in one of five colours, has been issued by Spa Brushes, Ltd., Freeman Works, Chesham, Bucks. A hairbrush in its window carton is illustrated on another page.

Wood-worm Injector.—Rentokil, Ltd., School Lane, Fetcham, Leatherhead, Surrey, illustrate on another page their Rentokil Junior injector for forcing Rentokil timber fluid (wood-worm destroyer) into the flight holes of wood worm. An advertising campaign is in progress.

Cosmetic Pack Sizes.—Gala of London, Ltd., Hook Rise, Kingston By-pass, Surbiton, Surrey point out that they recently introduced a new junior size of Gleam tinted foundation, but that no junior size Gala nail varnish is available. A large-size Gala nail-varnish is, of course, in the company's range.

Cleanser for Napkins. — Nap Ltd., London, W.1, are the manuf of Nappi-wite, "the perfect nappy a powder-cleanser issued in 12-oz. of an attractive design in blue and a white ground. The powder has ant properties and in use is disso water to form a solution in whi napkins are soaked overnight.

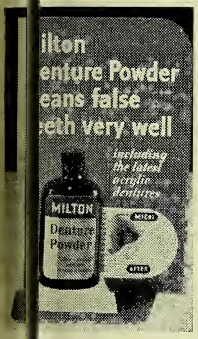
Now Available in Tubes. — C Chemists, Ltd., 35A Bessborough London, S.W.1, manufacturers of skin beauty preparations, are now their tinted foundation cream

Matt in collapsible tubes, each pack carton. A special advertising ca has been launched in the national Display material is available from t distributors: Thomas Christy & Co Farnham, Surrey.

Estimation of Prothrombin T Evans Medical Supplies, Ltd., Liverpool, 19, have made available boplastin (Evans), a stable rabb powder, each batch clinically teste product is available in 5-gm. bottl descriptive literature is available quest to the company's home medi partment at Speke, or from 50 Ba mew Close, London, E.C.1.

Packaging and Price Changes.— Schering, Ltd., 167 Great Portland London, W.1, announce that Atoph sam is now issued in 50-gm. tubes of in jars as formerly. New price into operation in May for the fo specialities of the company; Cyl ampoules (intravenous and intramus Dermucid (12.5-gm. and 25-gm.); non suppositories; Testoviron oin and Vasano suppositories.

B.I.F.—Delavelle (G.B.), Ltd., 83 n Road, London, N.1, point out that are the exhibitors at Stand D. 62, pia, and not as stated last week. The y comprises a full range of the com- products, including the Blue Orchid ne and toilet series, and a new per- "By Candlelight."—Splendor, Ltd., gham, are showing at Stand D. 63 and children's sanitary specialities, ns, foot aids, Co-re-ga, Daisy pow- Guitare lipstick, Orlex compound, x tablets, Splentabs, and other pro- ry specialities.



Show Stand.—Milton Antiseptic, Ltd., 10 Brewery Road, London, N.7, have made available to chemists a new Milton show piece designed to display to advantage a new pack of Milton denture Powder. The show piece is included with mixed bonus parcels value £3 and upwards.

ce Increase. — Glaxo Laboratories, Greenford, Middlesex, announce that of Glucodin in 1-lb. and 3-lb. tins increased on May 2. Chemists are ded that Glucodin parcels are no sent automatically and should be d direct from the company's head at Greenford, naming the wholesaler gh which the account should be red. Though greater quantities are being supplied than during the war, may have to be reduced on occasion et the supply position.

m for Schoolgirls. — Produced for alls, Ltd., Saltley, Birmingham, 8, xplain to schoolgirls in the 11-13 roup the cycle of menstruation a film, wing Girls" was given a pre-showing London recently. The production, is a skilful blend of photography diagram, has been most sympathetic- and discreetly carried out, principally the supervision of Mrs. Winifred es. Distribution to schools is through tional authorities, but the film may be booked by other suitable organisa- through the film library of Sound ces, Ltd., St. Martin's Lane, Lon- W.C.2.

Bonus Offers.—British Schering, Ltd., 167 Great Portland Street, London, W.1, introduced on May 1 permanent bonus display terms for Vasano travel sickness tablet; for each 1 doz. tubes of tablets ordered, thirteen tubes are being supplied and twelve invoiced. Display material is available.—County Perfumery Co., Ltd., Stanmore, Middlesex, give details on another page of window display bonus offers of Brylcreem and other products.—William Freeman & Co., Ltd., Subaseal Works, Peel Street, Barnsley, point out that their Suba-Seal bonus contract plan terminates on May 31.—Details of parcels qualifying for a bonus offer made by C. E. Fulford, Ltd., Carlton Hill, Leeds, 2, are given in this issue.

Proprietary Articles Trade Association

Alterations to Protected List (Part 1).—*Crookes Laboratories, Ltd.*, Increased prices from May 2, glucose, B.D., 30s. doz., 3s. 9d. (exempt from tax).

Wright, Layman & Umney, Ltd., Wright's saline, 10s. 3d. doz., tax 33⅓ per cent., inclusive retail price 1s. 7d.; 16s. doz., tax 33⅓ per cent., i.r.p. 2s. 6d.

TRADE RESOLUTIONS

The agenda for the fifty-first annual meeting and conference of the National Chamber of Trade, to be held at Folkestone, May 14-19, includes resolutions (1) welcoming the Chancellor's promise to investigate methods of meeting the problem of stocks held by retailers when purchase tax is reduced, and requesting urgent action; (2) asking the Government to extend preferential treatment under the Town and Country Planning Act, 1947, to private traders wishing to extend their shop premises; (3) urging that Electricity Boards should not be permitted to use compulsory powers to purchase business premises for use as showrooms; (4) asking the Minister of Fuel and Power to permit shop-window lighting from dusk each day after October 2; (5) requesting a review of telephone and postal charges; (6) recommending that no census of distribution should be contemplated while conditions requiring a continuation of war-time controls and Marshall Aid persist; and (7) deploring the Government's practice of "forcing down profit margins without proper consultation and without due consideration to the rising costs of overheads."

TAX-FREE DISPENSING PACKS

INFORMATION about preparations for which dispensing packs not liable to purchase tax since May 2 are issued has been submitted by manufacturers as follows:—

BAYER PRODUCTS, LTD., Africa House, Kingsway, London, W.C.2.—Adalin powder and tablets; Anæsthesin throat tablets; Bayer aspirin powder and tablets; Butolan tablets; Cafaspin tablets; Calsprin tablets; Carboserin tablets and powder; Dermatol powder; Gevilon pills; Helmitol powder and tablets; Juvenin ampoules and pellets; Migrainine powder and tablets; Protargol powder and tablets; Pyramidon powder and tablets; Tannigen powder; Theocin sodium acetate powder and tablets; and Trional powder.

BENGUE & CO., LTD., Mount Pleasant, Alperton, Wembley.—Agocholine tablets; Anaxeryl ointment; Bengue's balsam and dragees; Diurophylline tablets; Opobyl pills; and Bulmo Bailly. Dispensing packs are also available of a number of the company's specialities that were already tax-free before May 2.

THE BRITISH DRUG HOUSES, LTD., Graham Street, City Road, London (when orders clearly indicate that the preparations are specifically required for dispensing).—Collokaolin (1-lb.); elixir Valibrom and elixir Valibrom compound (6, 20 and 80-fl. oz.); Mandecal (130 gm.); and Mandelix (7½-fl. oz., 1-lb. and 6-lb.).

BRITISH SCHERING, LTD., 167 Great Portland Street, London, W.1.—Atophan powder, tablets and balsam; Atophanyl ampoules (intravenous and intramuscular); Beta Eucaine powder; Cylotropin intravenous and intramuscular; Novatophan powder and tablets; Urotropin ampoules; Synthalin B tablets; Urotropin; and Vasano.

COATES & COOPER, LTD., Pyramid Works, West Drayton, Middlesex.—Rhyso-Val dragees; Otosedan; Idozan.

THE CROOKES LABORATORIES, LTD., Park Royal, London, N.W.10.—The following Collosol specialities: Calamine lotion; calcium; Ferro-manganese and Ferro-manganese Cuprum; Ferrum and varieties; Ferro-manganese; iodine and iodine pessaries; kaolin; also the following Crookes' specialities: Bromoform co.; cinchophen compound; Collotone and Collotone (veterinary); ichthyol, ichthyol pessaries and suppositories; procai acid; Lacto-calamine lotion and manganese butyrate (1 per cent. curochrome-scale; Lithocaine; rum; quinine urethane; scalp lotio and oily); sodium morrhuate (5 p and 10 per cent.); sodium citrate cent.); Hartmann's solution; sodiu bonate (8.3 per cent.); sodium lact per cent.); magnesium sulphate cent.); sodium sulphate and zinc also of Tri-antiseptic. Exemption f applies only to goods distributed f company's premises on or after M

EVANS MEDICAL SUPPLIES, LTD. Liverpool, 19.—Alumevan; Am analgesic ointment; Borolanoline oi Cremor antisepticus; Dermol oi Ephrelix; Ephretuss; Keturex; Ma Novasorb; Ruscoin; Purgoids; aq. pip. conc., 1-39; coal-tar paste, elixir anisi co., Evans; elixir nucl Evans; elixir Tonica Rubra, Evan Tonica Rubra, infans. Evans; lic æther. carb., Evans; mist. exp conc., 1-7, M122; mist. thei am sod. conc., 1-7 M157; mist. sod. sa 1-7 M216; mist. tussis infans. con mist. tussis rub., infans, Evans zinci co., Evans; pulv. bismuth. co 1939); tinct. benz. co. meth.; u thææ, Evans; ung. althææ viride, Ung. morrhuæ co., Evans; ung. ru Evans; ung. sedativum (N.F., 1939 Z.E.B. (N.F., 1939); ung. zinci co. Evans.

GLAXO LABORATORIES, LTD, Gre Middlesex, offer tax-free dispensin of syrup Minadex, Fersolate table Ethamolin. The dispensing pa 1,000 and 5,000 tablets of Fersola lets, previously supplied as "Tal sulph. co., N.W.F.", will in fut labelled "Fersolate tablets (tab sulph. co., N.F.)." All packs of E lin in ampoules or rubber-capped will be sold for dispensing purpos and tax-free.

PAINES & BYRNE, LTD., Pabyrn l tories, Bilton Road, Greenford, Mid —Vitapan co. (all sizes); Ce-K-S sizes except 25's); Climatone (all si cept 25's); Climatone (all sizes 25's); Fercumin (all sizes except Menthesin (all sizes except 20's); No. 14; tablet No. 20; Thyro-mar capsules (all sizes); Tonicamps (all s

RMACEUTICAL SPECIALITIES, (MAY &), LTD., Dagenham.—Succinylsul- azole powder (100 gm. and 500 gm.) e preparation of oral suspensions nemata. (Succinylsulphathiazole tab- M. & B., 0.5 gm., were already avail- ax-free).

ORY LABORATORIES, LTD., Pyramid , West Drayton, Middlesex.—Akro- ointment; Morhulin ointment; ulinol ointment; Morhulin powder.

CKITT & COLMAN, LTD., Hull.—Dis- eutral soluble aspirin.

CHE PRODUCTS, LTD., Broadwater Welwyn Garden City, Herts.— one tonic, Citro-Thiocol cough syrup erro-Redoxon granules.

NA LABORATORIES, LTD., 159 Finchley , London, N.W.3.—Argotone; Delta-

ARP & DOHME, LTD., West Hill ratories, Hoddesdon, Herts.—Aceti- tablets; Caprokol capsules; glycero- hates compound; Lapactic pills; ros; Ribothiron elixir and tablets; .T.37 solution.

ALLACE (PHARMACEUTICAL PRODUCTS), 198 Finchley Road, London, N.W.3. umasthman tablets.

ANDS, LTD., Wandol House, Welling- Street, Leicester.—Surgaseptic germi- ½-gall. winchesters, 1-gall. jars; ds effervescing mouth-wash tablets, s of 1,000; Surgaseptic mouth-wash ts, bottles of 1,000.

ARD, BLENKINSOP & CO., LTD., 6 Hen- Place, London, W.1.—Ekammon ts (500 and 1,000).

ILLIAM R. WARNER & CO., LTD., r Road, London, W.4.—Agarol; -zane; Anusol suppositories; Gelusil; nin; Veracolate.

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ryllium Poisoning Payments.—Beryl- poisoning is added to the list of in- rial diseases prescribed under the onal Insurance (Industrial Injuries) by the National Insurance (Industrial ries) (Prescribed Diseases) Amend- t Regulations, 1949 (S.I., 1949, No. just issued by the Minister of National rance. In future, any employed per- who contracts beryllium poisoning may n industrial injury or disablement fit. [The death from beryllium pois- g of a physicist who had worked on escent lamps was reported recently; *C. & D.*, January 1, p. 6.]

LOCAL OFFICERS

Bristol Branch of the Society. — At the annual meeting of the Bristol Branch of the Pharmaceutical Society on April 21, the following officers were elected:—*Chairman,* Mr. A. E. Lemon; *Vice-chairman,* Mr. G. H. Darling; *Treasurer,* Mr. W. J. Davis; *Secretary,* Mr. E. Lloyd, c/o Bristol Chamber of Commerce, Small Street, Bristol.

Dartford Branch.—The following officers of the Dartford Branch of the Pharmaceutical Society have been appointed for 1949-50:—*Chairman,* Mr. W. A. Smith; *Vice-chairman,* Miss E. W. Robertson; *Secretary,* Mr. G. H. Sheard, 267 Princes Road, Dartford.

Society's Slough Branch.—At the annual meeting of the Slough Branch of the Pharmaceutical Society on April 5 the following officers were elected: *Chairman,* Mr. C. C. Osborn; *Vice-chairman,* Mr. N. Hart; *Treasurer,* Mr. H. G. Tessier; *Joint Secretaries,* Miss M. J. Hincks and Mr. C. W. Harewood.

Bolton Pharmaceutical Association.—At the annual meeting of the Bolton Pharmaceutical Association, on April 26, the following officers were elected:—*President,* Mr. Alfred Booth, M.C.; *Deputy President,* Mr. R. J. Dunne; *Treasurer,* Mr. E. Bissell; *Secretary,* Mr. Winston Crumblehulme, Silverdale, Stapleton Avenue, Heaton, Bolton (Telephone: Bolton 3894).

Wimbledon Association.—The following are the officers of the Wimbledon Pharmacists' Association for 1949-50: *Chairman,* Mr. H. S. Fenton; *Vice-chairman,* Mr. J. F. Thomas; *Treasurer,* Mr. T. James; *Secretary,* Mr. H. J. Newitt, 22 Woodlands Avenue, Worcester Park, Surrey; *National Pharmaceutical Union Branch Secretary,* Mr. J. F. Thomas, 66 Central Road, Worcester Park, Surrey.

Chichester and Bognor Regis Branch.—At the annual meeting of the Chichester and Bognor Regis Branch of the Pharmaceutical Society, held in Chichester on April 29, the following officers were re-elected:—*Chairman,* Mr. J. Flitcroft; *Treasurer,* Mr. C. W. Martin; *Secretary,* Mr. G. E. Williams, 60 High Street, Bognor Regis. Mr. R. F. Hunwicke, B.Sc., F.R.I.C. (Glaxo Laboratories, Ltd.) gave a lantern lecture on "Vaccines and their Manufacture," after the routine business had been completed.

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. CLI MAY 7, 1949 No. 3611

A Progressive Report

change in title of the Wholesale Drug de Association to The Association of ish Pharmaceutical Industry which place on June 1, 1948, may seem of ll significance compared with recent lamental changes in the organisation of icine and pharmacy which have had nsiderable bearing on the conditions of duction and distribution of pharmaical products. It was on account of e developments that a change was le to a title that reflects the true scope e Association's activities. The beginning he National Health Service and, almost currently, the publication of a new ish Pharmacopœia and a new National mulary imposed important changes in nature and extent of the demands le upon those who produce the mater for the nation's medicine and distribute m to dispensing chemists. Although the n responsibility of meeting these inased demands and implementing the nged conditions has fallen on the manuturers individually, the successful permance of its tasks by the pharmaceutical ustry as a whole has been facilitated in ny ways by the activities of the A.B.P.I. e annual report of the Association for 8-49 (see p. 604) is testimony to this t.

The W.D.T.A. performed many useful vices during the eighteen years it funcned, particularly in the war years of 9-45, but its activities were chiefly cerned with the protection of its members' interests. The A.B.P.I. has already gone much further than this. It has achieved much in advocating and directing progressive advancement and greater efficiency in the industry. In connection with the National Health Service the Association has been concerned with establishing the principle that there should be no restriction on the prescribing of speciality preparations, and it has co-operated with the Ministry of Health in ensuring adequate supplies of medicaments. Ever since purchase tax was first imposed the Association has consistently objected to the tax being levied on drugs and medicines.

Purchase Tax Activities

While, in common with other trade organisations concerned, it failed to secure relief from tax for all drugs and medicines, the A.B.P.I. was instrumental in obtaining special exemptions from liability for a good number of essential and costly preparations, and after prolonged negotiations, succeeded in obtaining the exemption from tax for dispensing packs which came into operation on May 2. Such matters as pharmaceutical research, international pharmacy, export, the future of the German pharmaceutical industry, the census of production which is now to take place in 1951 and standardised costing in the pharmaceutical industry are important subjects which have also been dealt with by the Council of the Association during a busy and successful year.

All these and other activities are for the first time made known to the drug trade in the annual report issued last week. Now that the Association has established itself as the mouthpiece of British pharmaceutical manufacturers and wholesalers, and is accepted as such in official quarters and by other trade bodies, the time is appropriate, we suggest, for its Council to consider issuing to the trade Press, reports after each Council meeting. In the year under review, the Council met thirteen times, but so far as we are aware not even "vetted reports" of these meetings were issued to the Press. We believe such trade news would be of interest to retailers and other sections of the drug trade, and would extend to the Association a practice common among similar trade organisations.

Council Elections

BALLOT papers for the Council election have now been dispatched to all members of the Pharmaceutical Society of Great Britain. This year there are seven vacancies to be filled, and twenty candidates have been nominated. Of the seven retiring members, six (Mrs. J. K. Irvine, Miss M. C. Islip and Messrs. C. W. Maplethorpe, Thomas Reid, Granville Shaw and W. J. Tristram) offer themselves for re-election, while Mr. C. Davis, of Leamington, the other retiring member of Council, is not seeking a further term of office. The forthcoming election is not the first attempt of a number of the fourteen "new" candidates to secure Council honours. In all cases it may be said that they have served their apprenticeship in local pharmaceutical affairs. The "new" candidates are Messrs. H. L. Black, W. C. Brydson, J. M. Dowty, B. Foster, J. Gilmour, J. L. Goulder, E. T. Griffiths, D. W. Hudson, C. W. MacFarlane, A. G. Madge, G. H. Priestley, L. K. Sharp, W. E. Stokes and B. A. Williams. We are publishing brief statements of policy and pharmaceutical biographies of all the twenty candidates. It will be seen that they cover most branches of pharmacy, employee and employer, multiple, independent and public, and, so far as location is concerned, England, Scotland and Wales are represented.

Not more than seven votes may be recorded and ballot papers have to reach Bloomsbury Square not later than first post on Wednesday, May 18. Last year, which was the best ballot for some years, 24,959 voting papers were issued and 9,293 returned, of which 115 were disqualified for one reason or another. Roughly only one in three members of the Society used their votes, and as a result all seven successful candidates were returned on what may reasonably be termed a minority vote, with an average poll of about 5,500 votes each. The outstanding fact is that 15,666 members of the Society did not trouble to use their votes, and that is not much of a compliment to the Council or to the candidates. With the official recognition that has been given to pharmacy under the National Health Service and for many other reasons in this era of change and development it is, we urge, very des that every pharmacist should not onl his or her vote at the annual electio those who will direct and control professional interests, but that they s also take a lively interest in the acti of their local branches and associa This year something like 25,000 v papers will be issued; a much higher centage than hitherto is called for i results are to be looked upon as a sat tory expression of members' views.

SICKNESS STATISTICS

A PAMPHLET, "Sickness in the l lation of England and Wales in 1947," just published by the Ge Register Office (H.M. Stationery C price one shilling) is a statistical of sickness incidences. Notificatio infectious diseases are tabulated in va ways. From the results of a sickness vey conducted by the Social Survey o Central Office of Information, a tabl been prepared showing mean mo prevalence and inception rates for a number of specific diseases and for g of closely allied conditions over t months. The inception rate for colds 119 per 1,000 adults (equivalent t average of 1.4 colds per person in whole year). About 1 in 6,000 in a m developed ringworm, 1 in 14,000 sc and 1 in 17,000, mumps. Of 6 people in the random sample intervie ninety-seven reported having perni anæmia during the average month sug ing that 1.4 per 1,000 of the adult p lation is affected). Prevalence rates r include asthma, 1 in 110; various th conditions, 1 in 330; sciatica, 1 in migraine, 1 in 400; epilepsy, 1 in 1, coronary disease or angina pectoris, 900; varicose veins or phlebitis, 1 in hæmorrhoids, 1 in 170, rheumatoid ritis, 1 in 240; osteo-arthritis, 1 in 2 Other statistics are based on me certificates issued to authorise sp food allowances to sufferers from dia thyrotoxicosis, active tuberculosis and tric and duodenal conditions. Figure diabetics are analysed according to we insulin dosage, geographical distribu and in various other ways. The total r bers of diabetics certified for special ra at December 31, 1947, were: Eng and Wales, 98,208; Scotland, 10, Northern Ireland, 1,624.

SPEECHES AT A.B.P.I. ANNUAL DINNER

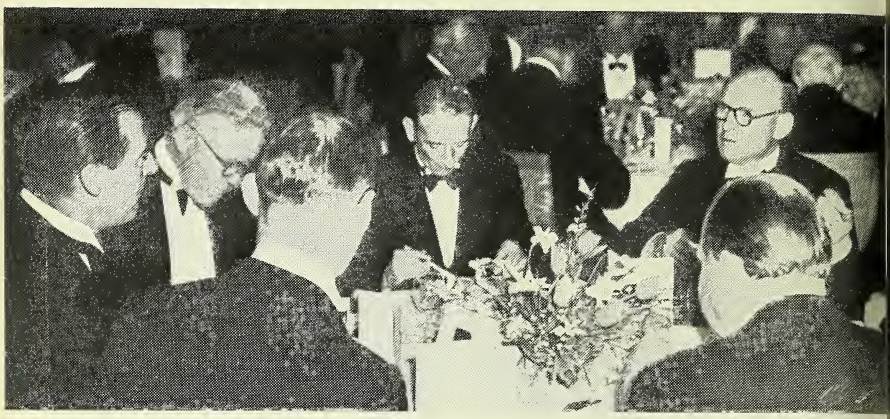
annual dinner of members of the ciation of British Pharmaceutical In- y was held in London on Wednesday, 27. Mr. C. A. O. Rideal (chairman) ded and was supported by Mr. R. L. or (vice-chairman), Mr. H. C. H. es (honorary treasurer), Messrs. J. W. lesworth, H. J. Baker and J. Stuart (trustees), Messrs. K. C. Allen, J. F. her, N. Dewey, G. E. Howard, D. R. kie, L. J. Morson, S. W. Whiffen, D. Vilson, J. A. Wilson and G. S. Woolley bers of Council), rs. H. R. D. Matthews, hell C. Ross, F. J. h and H. C. H. Graves rmen of Groups) and presentative gathering nembers. The guests ded Sir Harry Jeph- Dr. H. Davis (chief macist, Ministry of th), Messrs. J. David- Pratt (A.B.C.M.), H. ent Shaw (president, maceutical Society), D. evenson (deputy secre- B.M.A.), Professor H. , Professor E. K. al, Messrs. F. W. ns (secretary, Pharma- cal Society), G. A. inson (N.P.U.), H. e (secretary, N.P.U.), st C. Cripps and J. D. Bohn.

Mr. C. A. O. Rideal, chairman.

C. A. O. Rideal, in proposing the of "The Pharmaceutical Services," med the guests and members, and the pharmaceutical services were an rtant part of the National Health ce. The A.B.P.I. had made an im- nt contribution to the Service and its bers had succeeded in meeting the ly increased demand for pharmaceuti- roducts. Throughout, since July last, had worked in close co-operation with Government departments concerned with other associations, particularly the Pharmaceutical Society and the nal Pharmaceutical Union. The inter- work of their Association had been nuous, and through their various ps they had got through a tremendous nt of work. Responding, Dr. H. s paid tribute to all concerned in the maceutical profession who, he said, contributed in full measure to the suc- of N.H.S. up to date. Continuing, Dr. s said: "Before we (the Ministry of Health) agreed with the chemists we had the advantage of a report from a pharmaceutical working party, and" said the speaker, "we reached agreement, on terms which are fair to the pharmacist and the public. The success of the pharmaceutical service has been remarkable and compares well with the other services." Referring to the controversial subject of purchase tax on medicine, Dr. Davis said there had been considerable discussions with all sections of the industry and they had been carried through under amicable conditions and, he thought, had produced good results. Concluding, Dr. Davis thanked all members of the profession, manufacturing, wholesale and retail, for their magnificent effort towards making a success of N.H.S.

Mr. J. C. Hanbury, who gave the toast "The Guests," referred to the honour of having with them as their guests so many leading reresentatives of the pharmaceutical profession. In their various spheres they all had outstanding records and careers. The Association was honoured by their presence and to them all he extended a warm welcome. Sir Harry Jephcott, responding, said he had spent ten years as a civil servant and was underpaid; later he was an unestablished official and was not paid at all. "During those years the first thing I learnt," said Sir Harry, "was respect for my permanent colleagues."

Messrs. R. L. Taylor and H. C. H. Graves.



Messrs. H. C. H. Graves, F. W. Adams, H. Noble, P. Shields, T. C. Denston, J. A. Deed and N. Dewey.

ASSOCIATION OF BHEMI IN

ANNUAL DINNER

Mr. K. J. Golds

Mr. H. J. Smellie

Mr. C. W. Robinson

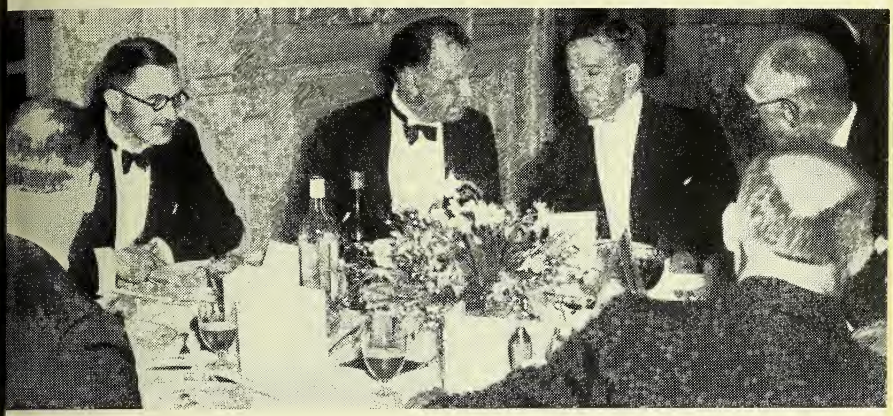
Dr. D. P. Stevenson

Mr. E.

Mr. D. O. Drake

Mr. T.

Messrs. F. J. Smith, G. A. Mallinson and R. Greenwood, Colonel S. Watson, Messrs. Mitchell C. Ross, J. Davidson Pratt and I. V. L. Fergusson.



Mr. T. D. Morson, Dr. H. Davis, Mr. C. A. O. Rideal, Professor H. Berry, Professor E. K. Rideal, Mr. H. Clement Shaw and Sir Harry Jephcott.

PHARMACEUTICAL DINNER

LONDON, APRIL 27

W. Thompson

Mr. J. C. Hanbury

Mr. E. Warburton

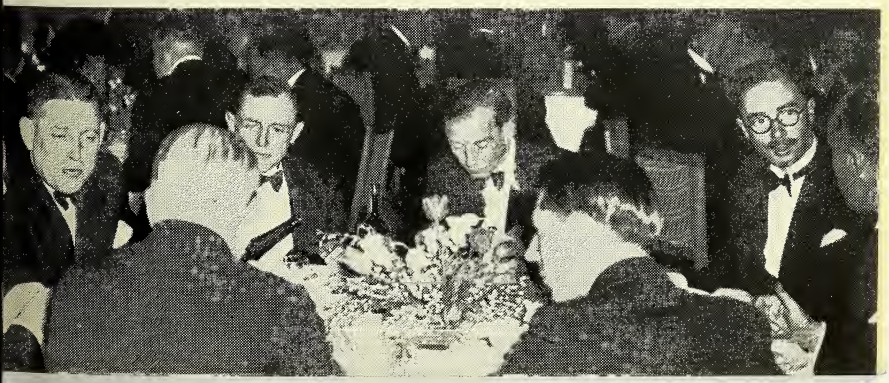
Mr. J. W. Wigglesworth

Mr. J. D. Bohn

J. Boucher

Mr. K. C. Allen

Messrs. J. E. Balmer, W. L. Greig, F. G. Murray, D. Rainy Brown, A. H. Newcombe, G. T. Morson, J. A. Bunce and J. K. Maw.



The skill and artistry with which they received and pacified deputations was remarkable." Continuing, the speaker referred to the work of the Pharmaceutical Society in developing pharmaceutical education; for many years it was the only organisation which interested itself in this important subject. We were now feeling the full impact of modern scientific discovery and industry had continuously to adjust itself to the many developments.. It was the beginning of a new era. Old galenicals had disappeared and drug jars had become ornaments. We were now faced with changes, due to the steady progress of science which made it essential that industry should keep in line with this progress.

Dr. D. P. Stevenson proposed the toast of "The Association of British Pharmaceutical Industry," and said the connection between the wholesale drug houses ar medical profession was common g and it was important that the co-ope between the A.B.P.I. and the P should be fostered at all cost. Ther been a great increase in prescriptions N.H.S. and it was to the credit A.B.P.I. and its members that supp drugs and other products and ma had been maintained. Responding, V. L. Fergusson said the functions Association had changed. In 1832 a dining club, which later becam Wholesale Drug Trade Association, followed by the present organisatio A.B.P.I. Formerly the objects chiefly concerned with the defence of bers' interests; now they were con with the progressive advancement greater efficiency in the industry.

ANNUAL REPORT OF THE ASSOCIATION OF BRITISH PHARMACEUTICAL INDUSTRY

The following abstracts are taken from the annual report for 1948-49, of the Association of British Pharmaceutical Industry.

National Health Service

The introduction of the National Health Service on July 5, 1948, resulted in an immediate large increase in the number of prescriptions presented at retail pharmacies. Several months earlier, the Association had discussed in detail with the Ministry of Health the question of shortages which might affect the industry's ability to meet this increased demand. Since the introduction of the Service, the Association has continued to bring to the Ministry's notice any significant shortages of which members have complained. It is, however, the co-operative effort of the firms comprising the industry, and the harmonious working together of those engaged in it, that, above all, have ensured that a period of unprecedented demand was met without any serious hitch in the continuity of supply. With the organisation of hospitals into groups and regions attention has been directed to the consequences of the new purchasing arrangements, and the Council has authorised an investigation into the possibility of drawing up an acceptable standard form of tender for submission to the Ministry of Health with a view to its adoption by all hospital purchasing authorities. The fears that the National Health Service would result in official action to curtail the prescribing of speciality preparations ha far failed to materialise. The auth have shown due appreciation both needs for liberty of individual jud on the part of the prescriber and rôle which the protection afforded proprietary right may play as an inc to progress on the part of the mar turer. The Association has con wherever it has arisen any empirica undiscriminating assessment of br preparations as a class. It has reco that the co-existence of a sufficiently tected field of endeavour for the ge pioneer on the one hand with a fie open competition on the other, is pro the best guarantee of improved ph ceutical presentation consistent economy. The extent to which the gress of the industry is fostered or ret under the National Health Service o country will to an increasing extent mine the success it is able to achie the other markets of the world.

Purchase Tax

Ever since purchase tax was first posed the Association has repeatedly jected as a matter of principle to it plication to drugs and medicines. progressive reduction in the range of cines liable to the tax which has bee corded since early in 1948 has ther been welcomed, although it is a matte regret that this result has only achieved by means of regulations o

st complexity. In anticipation of the which the Chancellor of the Ex- ier was expected to incorporate in April Budget of 1948, and which it clear would not be extended to nally advertised proprietary remedies, Association gave considerable attention nding an administratively practicable ula of a positive character which d allow all other medicines to be from tax. The matter was ughly examined and was considered rn by the Council, which gave author- for learned counsel to be briefed. sel's opinion was that a formula not be found which would meet the iation's case and at the same time d stand a chance of being accepted he authorities. It was accordingly ed to put forward alternative pro- s for the exemption of all medicines g within certain broad categories.

e Chancellor's proposals, to take t on June 1, 1948, were set out in Finance (No. 2) Bill. These incorpor- some of the suggestions put forward e Association, but the exemption ac- d to "official" drugs and mixtures hedged about with conditions which seen to be detrimental to the inter- of members in regard to both home export trade. Counsel was again ulted and a proposed amendment ed by him was forwarded to the Chan- r. This amendment and other counter- osals were also put forward at a al meeting of the Pharmaceutical on Committee, convened by the Min- of Health.

nption of Dispensing Packs

ese efforts, although without immedi- effect, later bore fruit when the sury agreed to exempt certain medi- in "dispensing packs" to which e marks could be applied. The Asso- on was subsequently given the oppor- ty of examining and commenting upon proposal. The concession was embodied Treasury Order made in December, 3, to become operative on May 2,), thus giving manufacturers time to e the necessary production arrange- ts. Although open to objection on unt of its attendant conditions, this er does have the merit of recognising importance of a brand name or other e mark when applied to reputable icines. The Association has also been ve in securing unconditional exemption from tax for specific products of member firms. The Association has been continuously in consultation with Customs and Excise on all these matters and recognition is given to the helpful attitude of the department.

Census of Production

Members have been called upon to complete Census of Production forms in respect of the year 1948, and the Association confirmed with the Board of Trade that the arrangements agreed in connection with the Partial Census of Production, 1946, and advised to members in notes for guidance dated April 25, 1947, were still applicable. These notes were designed to assist members in dealing with the more intricate questions of the Census form and in particular gave guidance on the distinction between productive and distributive activities. In response to an invitation from an advisory committee of the Board of Trade to comment upon the draft form for the Census of Distribution, 1949, the Association submitted a detailed memorandum based on observations received from members of the Statistics of Trade Committee and from the Scottish Wholesale Druggists' Association. The views expressed in the memorandum were accommodated to a substantial degree and the Census form was considerably improved. Moreover, alterations were made which will have the effect of relieving many members of the Association from the necessity of making a return under the Census, which has been postponed for a year and will now take place in 1951 in respect of the year 1950. The Board of Trade sought the Association's advice on a proposal to compile an Index of Production for the pharmaceutical industry. After consideration of the proposal by a statistician, technical experts, and accountants from the staffs of a number of member firms, the Committee reported its conclusions to the Council. The Association's views were conveyed to the Board of Trade, and it is understood that the compilation of the proposed Index will not be proceeded with.

New Members of Council

At the annual general meeting of the Association of British Pharmaceutical Industry held in London on April 27 the following new members of Council were elected:—Messrs. J. C. Hanbury, C. Mervyn Hill, H. D. R. Matthews, and R. Campbell Feather.

COUNCIL CANDIDATES

Concluded from THE CHEMIST & DRUGGIST, *April* 23, *p.* 527.

NOTES on the careers of and brief statements of policy by the remainder of the twenty candidates for election to the Pharmaceutical Society's Council are given below.

HUDSON, Donald William

QUALIFIED 1919. Managing director, Parris & Greening, Ltd., Hove. Chairman, local organising committee, British Pharmaceutical Conference, 1948. Chairman, Brighton and Hove Branch, Pharmaceutical Society, and Brighton and Hove Association of Pharmacy, 1943-48. Member of Joint Formulary Committee, British Medical Association and Pharmaceutical Society; of Joint Committee on a National Pharmaceutical Service; of Executive, National Pharmaceutical Union; of Central National Health Service Committee; and of Pricing Working Party.

POLICY: I have been engaged in retail practice for thirty-five years. My experience has proved that the individual pharmacy conducted on comprehensive and scientific lines has been capable of providing every necessary pharmaceutical service and I am satisfied that under proper terms and conditions it will continue to do so in the future. I shall endeavour to improve the conditions under which the retail pharmacist works by every means in my power, and I shall strive to secure equality of status for all holding qualifications. I support the Society's educational policy in so far as it is intended to set a standard equal to that required by other professions because it is evident that an increasingly high standard is necessary in our dealings with the public, but I urge careful consideration of all matters which might prejudice our ability to maintain a satisfactory service to them. If elected I shall be guided by my own common sense and experience in all matters.

ISLIP, Mary Cater

A MEMBER of Council since January 1945 and the only hospital pharmacist on the Council. Chief pharmacist, Paddington Green Children's Hospital. A past-president and employment secretary, National Association of Women Pharmacists. A member of Council, Guild of Public Pharmacists. A member of committee and a past-chairman, Harrow Branch of the Society.

POLICY: Pharmacy wherever pr ised and pharmaceutical arrangements any place must be under the control of har- macist. There is need for the devel ment of the pharmaceutical service in th ocal health authority services, includin nid- wifery, school medical and dental s ices.

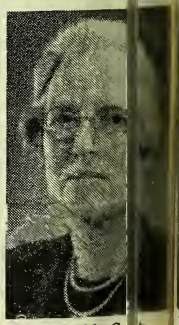
Mr. H. L. Black

Mr. W. C. I son

Mr. J. Gilmour

Mr. J. L. G ler

Mrs. J. K. Irvine



Miss M. C.

Th retail pharmacist can help in this de opment. Pharmaceutical education mu progress with modern developments; re her courses must be arranged for th already qualified. Pharmaceutical pu cations must be kept up to date so th members may be continually informed of entific progress. Pharmaceutical re- se n should be encouraged. Lack of co-operation in the past has been detrimental to the pharmaceutical service. Through the various committees in the Health Service connected with pharmacy there is now opportunity for co-operation and unity of action. We must work for closer contact between headquarters, the branches and the other organisations in pharmacy. It must ever be our aim to give the finest possible service to the public.

J. M. Dowty

Mr. B. Foster

E. T. Griffiths

Mr. D. W. Hudson

. W. Macfarlane

Mr. A. G. Madge

MACFARLANE, Charles William

Three years in laboratories of Harkness, Beaumont & Co., Ltd., before qualifying 1924. Eight years as assistant and manager in retail. Acquired business in Dundee fifteen years ago. A member, Dundee Pharmaceutical Committee, Dundee Executive Council, Standing Committee (Scotland), Pharmaceutical Advisory Committee (Scotland), and other committees. Vice-chairman of Executive, Scottish Department of the Society. Joint secretary, Dundee and East and Central Scottish Branch.

Policy: I have accepted nomination because I believe with my experience of retail and committee work I can be of use on the Council. In my opinion, educational standards must be high but reasonable, and control of our examinations must remain in the hands of the Council. It is essential the branch system should be encouraged, as in this we have a training ground for further pharmaceutical activities, a means of overcoming the apathy that undoubtedly exists amongst so many pharmacists, and a method of bringing to the notice of the Council opinions expressed by the branches. We must work for a pharmacy that will be professional and progressive but at the same time prove remunerative to employer and employee.

MADGE, Archibald George Mervyn

Aged thirty-six. Twenty years in retail (private, company and co-operative). At present superintendent pharmacist of thirteen pharmacies. Secretary, Plymouth Branch, for past eleven years. A branch representative at all conferences since then. A member of Plymouth Pharmaceutical Committee, Plymouth Hours-of-Service Committee, Chief Rota Liaison Officer. A member of Cornwall Pharmaceutical Committee and Cornwall pharmaceutical services subcommittee.

Policy: I stand with the full support of the Plymouth Branch. Under the National Health Service, with all its problems, there should be greater pharmaceutical representation on local and Govern-

ment committees. Bearing this in mind, I would fight to secure and maintain adequate remuneration for our professional services. I believe in upholding the dignity of our calling, raising its status, and maintaining pharmacy as an independent profession. The Society should explore the possibilities of a sponsored *locum tenens* service, especially for rural pharmacists, to enable them to take advantage of refresher courses. The Pharmaceutical Society should also inaugurate a course in surgical fitting to enable retail pharmacists to retain and develop this essentially personal service. I believe that the pharmacist should be the primary supplier of medicines. I have the knowledge and experience of both employer and employee, and I feel that I can be of help to each. In short, my policy is service to my fellow pharmacists.

STOKES, William Ewart

APPRENTICED in Derby. Served throughout 1914-18 war (awarded M.C.). Qualified 1920. Subsequent experience in private pharmacies in West End of London, Midlands and Lancashire. Since 1934 on senior executive staff, Timothy Whites & Taylors, Ltd., and appointed chief pharmacist on advent of National Health Service, 1948. As a member of Central N.H.S. (Contractors) Committee, was concerned in negotiation of terms. A member, Pharmaceutical Whitley Council, and of Surrey Pharmaceutical Committee.

POLICY.—As an employee pharmacist, actively engaged in retail pharmacy all my life, my first appeal is to all employee pharmacists. I have long felt that non-proprietor pharmacists should have representation on the Council, and have accepted nomination feeling that my wide knowledge of all classes of pharmacy throughout the country, coupled with my considerable administrative experience, would fit me to represent them if elected. I advocate amending the Charter, to enable the Society to further the interests of this important section equally with others. The educational policy of the Council, whilst keeping pace with the advance of medical science, should be so framed as to attract a steady flow of entrants into retail pharmacy of a type likely to remain and make it their career. Regular refresher courses, carefully planned to be of real use to the busy dispensing pharmacist, should be made available, possibly through the branch organisation. The Council, I feel, must be prepared to its range of service to members.

TRISTRAM, William John

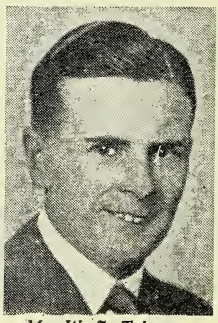
A MEMBER of Council since 19 member of Executive and past-cha National Pharmaceutical Union; cha Standing Pharmacy Advisory Comm a member, Joint Contractors and N

Mr. G. H. Priestley

Mr. T. Re

Mr. Granville Shaw

Mr. W. E.



Mr. W. J. Tristram

Mr. B. A. Wi

h Services Committee, Central Health es Council, Liverpool Executive cil, Liverpool Pharmaceutical Com-, South Liverpool Hospital Manage- Committee. Alderman and justice of ace, Liverpool.

ICY: For five years I have been privi- to serve as a member of the Council. e also served on those committees ave secured for pharmacy the place upies today in the administration of ational Health Service. In co-opera- with members of Council, and with entatives of other organisations in acy I have helped to secure recog- of the importance of our profession, f the essential part which the phar- t must take in the daily routine of ervice. My policy will continue to make pharmacy an attractive call- one which by its services to the com- y does honour to itself, and which satisfaction to those who practise it; sure that pharmaceutical representa- hall always be available when phar- tical problems are under discusssion; hat the professional services of the acist shall receive their just reward.

LIAMS, Basil Allen

IFIED 1933. Retail and hospital ence. Served five years in H.M. s, demobilised 1947 with rank of orary Captain. Recently purchased business at Brentford. A past-chair- Association of Pharmaceutical Em- es. Member of Council, 1940-42. secretary, pharmacy section, Socialist al Association.

LICY.—When elected to the Council 40, I was able to represent the in- s of employee and small proprietor I resigned in 1942 to join H.M. s. I now stand as a socialist and retary of the pharmacy group. Social- edical Association. My Association esponsible for much of the spade work e National Health Service, which has of such benefit to pharmacy, both mically and professionally. Briefly, gers must have the responsibility of acting direct with Executive Councils. Joint Committee on N.H.S., repre- g employees and proprietors, must be ed to negotiate with the Ministry. pport the demands of hospital phar- ts for a salary commensurate with responsibilities. I oppose the action e N.P.U. in refusing to negotiate new rates for employees, thereby caus- ing a division in pharmacy. Pharmacists in the services should be employed on strictly pharmaceutical duties. I want to see the unity of pharmacists to defend their professional interests.

From Mr. C. W. Maplethorpe, who is at present in South Africa on a business visit, no statement had been received at the time of going to press.

LIVERPOOL ANNUAL MEETINGS

LIVERPOOL Chemists Association held its 100th annual meeting on April 29. It was resolved to recommend members to place collecting boxes for the Pharmaceutical Society's Benevolent Fund by their weighing machines in place of hospital boxes. The following officers were elected: *President,* Mr. W. E. Shepherd; *Vice-president,* Mr. G. L. Clubb; *Treasurer,* Mr. W. E. Humphreys; *Secretary,* Mr. J. P. Murphy. At the annual meeting of the Pharmaceutical Society Branch a resolution proposed by Mr. J. Farrer Barnes that election for the committee should be by the use of voting papers was defeated. In discussion it was stated that the branch now had 550 members and had become unwieldy. Representations had been made for the branch to be split up: one branch might be established in the Huyton district and another in the Crosby-Litherland district. Mr. W. E. Humhpreys (treasurer) reported a deficit on the year's working. Replying to Mr. J. L. Hirst, the secretary said the committee proposed to bring to the notice of the Society's Organisation Committee the inadequacy of the capitation grant. An increased grant was necessary or the Branch might be divided into more compact units. The secretary's report said that nine months' experience of the National Health Service had showed that, given proper safeguards, it was a valuable adjunct to the health services of the nation. Pharmacists had taken an efficient part in the successful working of the Act, and not a single complaint about the pharmaceutical service has been received by the Liverpool Executive Committee. Splendid work had been put in by the manufacturing and wholesale houses. Mr. Shepherd reminded members that Mr. W. J. Tristram was a candidate in the P.S. Council elections and asked them to record their votes in his favour. A resolution congratulating Mr. H. Humphreys Jones (principal, Liverpool School of Pharmacy) on the centenary of the school was adopted.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

THE Council of the Pharmaceutical Society of Northern Ireland met in Belfast on April 22, the president (Mr. Henry H. Cowzer) in the chair. Also present were Messrs. P. R. W. Shinner (vice-president), H. F. Moore (treasurer), C. Abernethy, W. H. Boyd, J. Irwin, H. P. Crossin, J. McGregor, James McDowell, Walter C. Tate, H. W. Gamble, W. P. Ewart, and W. Gorman (secretary). Apologies were read from Professor E. B. C. Mayrs and Messrs. S. E. Campbell and F. R. Moore, J.P.

Qualified "Cover"

A letter from the Ministry of Home Affairs on the subject of shop "cover" in view of the shortage of qualified pharmaceutical chemists stated that the Minister had instructed the pharmacy inspector strictly to enforce the law in the interests of both the public and the profession; henceforth no temporary arrangements authorising intermittent cover would be permitted. The letter also asked for the Council's observations.

THE SECRETARY reported that, as a result of discussions at the last meeting, he had replied that the Council had no observations to make. As instructed, he had also circularised members of the Society with the contents of the Ministry's letter. MR. SHINNER suggested that the shortage of qualified men would be eased if licences were not issued until five years after qualifying. He said that in practice newly qualified chemists had only two-and-a-half years' shop experience and it would be in their interests if they were to circulate for a period of perhaps five years before they were able to open shops of their own. He pointed out that in Austria a pharmacist could not open a business until ten years after qualifying.

MR. GAMBLE said the danger would be that newly qualified men would be used to open branch shops and it would not be fair, in such circumstances, that they should be prevented from opening shops of their own. The position, he thought, would become worse instead of better under a system of deferring the issue of licences. The suggested system could not, in fact, be introduced without amending legislation. MR. BOYD said the solution was the exercise of control over the opening of new pharmacies in areas which were already well served. If the Ministry could see eye-to-eye with the Council, li could be limited to areas in which macies were needed.

It was reported that the Minist Health and Local Government an Hospitals Authority had acknowl further letters from the Council conc the method of appointment of an as pharmacist at the Musgrave Hospita that no satisfaction had been received MCDOWELL said he thought that th that a further differently-worded adv ment had appeared showed that Council's attitude had been justified. SECRETARY pointed out, however, t was not certain that the advertiseme ferred to the same appointment. O motion of MR. MCDOWELL, second MR. IRWIN, it was decided that the n should be kept on the agenda for the meeting. THE SECRETARY stated members of the Pharmaceutical Soci Great Britain could apply under advertisement without having to wa be registered with the Society in Nor Ireland under the reciprocity agreem

Penicillin Prescriptions

Another letter was also received the Ministry of Home Affairs in rep the Council's request that action s be taken on the non-compliance of d and veterinary surgeons with the cillin Act in writing prescriptions. letter said it was difficult for the Mi to take steps to have members of the fessions circularised on the strength generalisation. It added that Regul 10 (3) of the Poisons Regulations, was now being revised. MR. EWART attention to cases where penicillin being supplied without prescription, c for veterinary purposes, and said it unfair that some chemists should n observing the law. It was probable the practice was common in all where cattle were suffering from ma MR. SHINNER suggested that member the Society should be informed, once n of the penalties attaching to the sal penicillin without prescriptions. In su MR. GAMBLE said the members of other professions should also be infor It was decided that information in su of the complaint should be supplied t secretary with a view to renewing request to the Ministry.

Exemption of Dispensing Packs

letter was read from the Collector of oms and Excise explaining the removal rchase tax on certain packs of drugs ispensing purposes and asking for an ancē that chemists would not sell drugs over the counter by retail.. It agreed that the collector should be med that chemists would be made e of the obligation upon them but in cussion that took place dissatisfaction the change was expressed. Mr. REGOR said the Drug Pricing Com- e had urged strongly that purchase hould be removed from all drugs as r the new system the big buyer would be helped while the small man was hit. Mr. Crossin said that chemists had been notified that, when dispensing Health Service prescriptions, the nearest lower-numbered pack should be supplied. In reply to Mr. Abernethy, the Secretary said that packs exempted from purchase tax would be specially marked.

A certificate of apprenticeship was granted to Miss Pauline Boyle, Dromore, co. Down, who submitted the Senior Certificate of the Ministry of Education. It was agreed that the president should represent the Society at the commemoration of the foundation of Queen's University, Belfast, to be held in September.

HARMACEUTICAL STUDENTS' CONFERENCE

seventh annual conference of the sh Pharmaceutical Students' Associa- was held recently at the Royal Tech- College, Glasgow. The delegates were omed by Dr. D. S. Anderson (prin-) who, in his address, emphasised the ortance to students of the ability to on clearly.

tes of Drug Administration

he opening ceremony was followed by cture on "Drug Administration and Pharmacist" given by Mr. A. R. G. mings, B.Pharm., Ph.C. (Ciba Labora- s, Ltd.). Mr. Chamings reviewed the ous routes of drug administration, des- ing their advantages and disadvantages. ong more recent routes referred to was ccal" therapy in which rapid absorp- could take place via the mucosa of mouth. The method was valuable, for ance, for the administration of a drug might lose much of its therapeutic vity in the stomach. The therapeutic vity of deoxycortone acetate by the cal route had been shown to be only -third less than by intramuscular injec- . Mr. Chamings also referred to jet ction (see *C. & D.*, 1948.II.667.) by ch up to 0.25 c.c. of an oil, aqueous tion or colloidal suspension could be in- ed through the skin at a pressure of up 3,500 lb. per sq. in. with little or no omfort to the patient. Other methods erred to included implantation and osol therapy, and the systemic applica- n of drugs through the skin by the use non-greasy bases.

The first evening of the conference con- ded with a social organised by the sgow Pharmacy Club.

Students' Problems

The second day opened with a lecture on "The Student and His Problems" by Professor J. P. Todd, who said that the establishment of a pharmacy degree at five different centres had done much to increase the prestige of pharmacy. Pharmacists were doing first-class work in research on new remedies, and the pharmacist in the hospital had an important rôle. Recognition, professional and financial, would follow the raising of educational standards. Referring to the increasing extent to which tablets and ampoules were being prescribed, Professor Todd said there was a danger that the rôle of the pharmacist might come to consist in removing manufacturers' labels and writing labels bearing the doctors' directions. The pharmacist's training must be adjusted to keep pace with new developments so that the physician would turn to him for advice. Future education plans should include clinical pharmacology.

Professor Spring then spoke on "Some Recent Developments in Chemotherapy." He said that the services of the physical chemist, the pharmacologist and the biochemist were required in the development of a new therapeutic agent before it reached the stage of clinical trials. In the search for new agents some guiding principle was needed. Professor Spring illustrated his remarks by describing how *p*-aminosalicylic acid had been developed for use in the treatment of tuberculosis.

"Service and Individual Integrity"

The rest of the second day of the conference was devoted to a tour round the Scottish lochs, followed in the evening by the conference dinner at which Mr. J. A.

Box presided. "The Pharmaceutical Society" was proposed by MR. J. C. STANTON, MR. A. A. MELDRUM (a member of the Society's Council) responding. MR. S. J. RELPH (secretary of the Association), proposing "Our Guests," said that the proposed motto of the B.P.S.A., "Service and Individual Integrity," might prove more difficult to live up to after leaving college life. PROFESSOR TODD, replying, thought a higher standard of mathematics in the examination syllabus was essential. "The B.P.S.A." was proposed by MR. J. LIVINGSTONE, MR. J. A. BOX replying.

On the third afternoon a students' symposium session was held. MR. R. F. STEEL, Glasgow, spoke on "The Antibiotics, Penicillin, Streptomycin and Polymixin," MR. A. F. MACINTOSH on "Remedies for Tuberculosis, Past and Present," and MR. J. F. O'GRADY, Dublin, on "Pharmacy in Eire" (see p. 588). The symposium session was followed by an address on "The Pharmacist and the National Health Service," given by DR. D. MCCALL (resident secretary in Scotland of the Pharmaceutical Society).

The fourth morning opened with a lecture on "The Cult of Homœopathy," by PROFESSOR S. ALSTEAD (regius professor of materia medica, Glasgow University). Professor Alstead described the origin and principles of homœopathy and said its survival was a result not of lack of intelligence or illiteracy but of the patient's susceptibility to suggestion.

The brains trust in an "Any Questions" session consisted of Professor J. P. Todd and Messrs. A. A. Meldrum, J. A. Box (president, B.P.S.A.) and G. R. Milne (deputy director, Blood Transfusion Service, South-west Scotland), with Mr. S. J. Relph as question-master.

Conference Resolutions

In its business session the conference passed resolutions:—

(a) Urging that degree students should be allowed to take their forensic pharmacy examination in June of their final year without also having to take an external examination in dispensing.

(b) Emphasising that higher mathematics should be taught at some point (possibly in the intermediate year at the expense of, for example, the more applied aspects of physics) in the Pharmaceutical Chemist curriculum.

(c) Welcoming the conclusions of the White Paper on University Awards but urging simplification of the problem the total abolition of fees.

(d) Asking for the establishment a centre for taking the practical sect of the Ph.C. examination in Manchest

(e) Urging recognition of the fes- sional status of the hospital pharmaci and the improvement of his remuneratio

The following officers were elect for 1949-50:—*President,* Mr. A. Han on, Glasgow; *General Secretary,* Mr. J. Relph, Ph.C., 64 High Street, War ad, London, E.11; *International Corr on- dent,* Mr. J. A. Box, Nottingham. P es- sor Todd was elected the first *Vice- sid- dent* of the Association. Mr. John L ng- stone, Glasgow, presided over the cal organising committee. It was anno ed that a draft programme was being wn up for a meeting of the International ar- maceutical Students' Federation to b eld in Brussels in August.

LONDON CHAMBER C COMMERCE

AT the annual general meeting o he London Chamber of Commerce on ril 27, Sir Frank Newson-Smith, Bart., r ed from the presidency, and Sir Frank rs- fall Nixon, K.C.M.G., C.B., was el ed to succeed him. Sir Frank Nixon as comptroller general of the Export C its Guarantee Department, 1926-44 and nt managing director of the United Kin m Commercial Corporation, 1940-46.

SIR FRANK NEWSON-SMITH, in his d- dress deplored that the West was m g further along the road of bilateral r- ings which, he said, would result i t- ably in a restriction of world trade d in cut-throat competition for such tra as remained. Bilateral clearings were t, however, the sole alternative to i r- national free trade in money, which d proved impracticable. There was a d and better way—multilateral contra c- count—long advocated by the Cha r and endorsed last autumn by the Con s of Chambers of Commerce of the B h Empire in Johannesburg. MAJOR J. POOLE, M.C. (chairman of the Cou d) reported that during the past fifteen y s the membership of the Chamber had n from 7,700 to over 15,000. He revi d the wide variety of work undertaken ing the year and said that the incre d membership was a reflection of the e reputation the Chamber had won for i f in business circles.

EXPORTS TO NORTH AMERICA

SPE ING at the Mansion House, London, on e occasion of the opening of the Brit Industries Fair, on May 2, the Rt. Ho C. D. Howe, M.P., Minister of Trade and Commerce, Ottawa, emphasised the nee for a determined drive to secure a bet balance of trade between the United Sta and Britain. Canada was very intere d in this for it affected trading relatior between her two principal customers, whc ere also her two principal suppliers. In he ways the rôle of customer could be ted from one to the other—in some inst es the two were alternative sources of ply — but there was an important segi it of Canada's export trade which hac en developed for, and was dependent on, market in the British Isles, while an imp ant part of Canadian supplies must be wn from the United States. "Few dec ns," said Mr. Howe, "would be mo painful for Canada than to have to trac with one of these two countries to the clusion of the other." Canada's basic pol was to sell more to the United Sta and to buy more from Britain. That way a better balance means greater prosper and a higher standard of living for all. buy more goods from Britain would help both the Canadian trade balance with Britain and also Canada's trade balance with the United States by enabling her to reduce purchases from the United States.

Canada, today, was one of the largest import markets in the world and offered unparalleled opportunity for absorbing exports from Britain. The British Government had set a target for British exports of 150 per cent. of the volume of 1938. British exporters had only to recapture their prewar share of Candian imports to bring shipments to Canada up to 200 per cent. of the volume of 1938. Although British exports to Canada consist largely of manufactured goods, continued Mr. Howe, it was unrealistic to hope to make up the trade gap by the expansion of manufactured goods alone. The Canadian market held no less potential for primary materials from Britain's colonial areas than from manufactured products from the United Kingdom itself. "I suggest," said Mr. Howe, "that it can only be by an expansion of such trade with the Western Hemisphere that there can be any real hope of the sterling area being able to balance its accounts with the dollar area, except by continuing a restriction policy."

SACCHARATED IRON OXIDE FOR INJECTION

As e toxicities of different samples of sac rated iron oxide prepared for intraver s injection (in iron-deficiency anæmia were found by Nissem and Robson ("L cet," April 23, p. 686) to differ wic , they devised a method that enables pre ation of the substance to be contro "to a nicety." They have also des ed a method for biologically standar ing the compound.

Preliminary experiments showed varying properties in ferric hydroxides prepar by different methods, and that the suc es formed from them differed widely in amount of alkali needed to dissolve the A good sucrate sample could be prepar from the hydroxide formed by adding rric chloride to sodium carbonate, but the ture of the product depended on the rel e amounts of the two reactants. The rea on appears to proceed in two stages acc ding to the following equations:—

$$Fe_2 + 3\,Na_2CO_3 \rightarrow 6\,NaCl + Fe_2(CO_3)_3$$

$$Fe_2(CO_3)_3 + 6\,H_2O \rightarrow 2Fe(OH)_3 + 3H_2CO_3$$

Th carbonate may then be removed by repeated washing, or by adjusting the *p*H so that the carbonate is driven off as carbon dioxide.

The following figures are given for preparing a quantity of saccharated iron oxide containing 10 gm. of Fe. All substances used were of analytical reagent standard:—

Anhydrous sodium carbonate 25 gm. is dissolved in a litre of distilled water and 50 gm. of $FeCl_3$, $6H_2O$ is added. Carbon dioxide is evolved, and the ferric hydroxide thus formed dissolves in the excess ferric chloride to give a dark purple solution. Saturated sodium carbonate solution is then added gradually to reprecipitate all the iron as ferric hydroxide. This is ensured by adjusting the *p*H to 7. The sodium chloride formed is removed by repeated washing, and decanting.

166 gm. of sucrose, followed by 30 mils of 15 per cent. NaOH is then added, and the mixture (which has a *p*H of about 11.7) is poured into a flat dish and placed in an oven at 130°C. The saccharated hydroxide dissolves to an almost black solution. Tests made during the heating process show that as the process continues the *p*H at which the solution being heated will precipitate falls. When the required precipitation point is reached, the temperature of the oven is reduced to 90° C., and the product evaporated to dryness. It is then dissolved in

500 mils of distilled water, filtered, and autoclaved at 115-116°C. for half an hour. The product, containing 2 per cent. of elemental iron is then ready for use.

For clinical trials a sample of saccharated oxide of iron with 16.6 gm. of sucrose per 1 gm. of iron, and a precipitation point of *p*H 3.7 was used. No toxic effects were observed from as much as 300 mgm. of iron administered by intravenous injec n.

Toxicity tests were elaborated g intravenous injections into mice. T re was no evidence that the toxic effects re due to any mechanism other than th of precipitation. Iron and ammonium ci te was found to be fifteen times as tox as saccharated iron oxide.

TRUSSES AND THEIR FITTING

7—Steel and Elastic Trusses Compared

BEFORE the present series of articles is brought to a close, a comparison is given, as mentioned earlier, of the respective advantages and drawbacks of the steel-spring and elastic-band types of truss. It is hoped that no trace of bias will be found in the table. Both kinds of truss are used by the writer in his surgical fitting establishment, and the opinions and advice given are based on twenty-three years' experience with a firm which has built a reputation for efficient truss-making and fitting.

Item for Comparison	Spring	Elastic
Body pressure felt by patient	Back and front (sugar tongs fashion)	Round the whole r- cumference
Retaining action	In direct opposition to the hernia	Indirect, pulling lat ly across the hernia
Width of body-band	1 in. to 1½ in.	1¾ in. to 2½ in.
Shape of body-band and positioning of pad	Anatomically correct	No shape; usually e- pends on understra r position of pad.
Pad	Any size and shape may be fitted	Any size and shape y be fitted
Control and efficiency	Minimum size of pad effectively controls owing to direct pressure of spring	Pad has to be of siderable size to su ment indirect band sure
Understrap	Optional	Indispensable
Comfort	Some initial feeling of constraint which is soon forgotten in the benefit received as a support to the hernia. Light in weight, cool to wear	No hardness but f all-round-the-body sure, increasing wear. Understrap and chafes the cr Hot to wear in sum
Useful life of appliance	Loses about 25 per cent. of its tension in eighteen months to two years; after that deteriorates more rapidly. Average life, two to three years	Tension begins to within a few w Often needs repla before a year is pleted.

Truss Fitting Rules

In conclusion, a few simple rules to observe for successful truss fitting are set down:—

(1) Measure and fit with the patient lying down.

(2) Be quite sure the hernia is completely reduced before applying the pad.

(3) Play for safety (always fit a pad large enough and a spring strong enough to give complete support at all times).

(4) Be master of the situation and firmly but politely decline to take instructions from the patient in the matter. He has no more right to tell the fitter what to do than he has to tell a pharmacist how to dispense medicine.

(5) Whenever there is any doubt, refer back to the prescriber.

(6) Tell the patient never to remove truss until he is lying in bed and alw to put it on before rising from his bed following morning.

(7) To prevent chafing of tender sl advise the use of talcum powder Fuller's earth rather than emollie Grease or oil soften the skin and are m likely to increase than to alleviate chafing and for that reason should avoided.

STOCK EXCHANGE PRICES

Quotations are the average for the days stated.

£1 unit unless otherwise stated	Mar. 30 1949 s.	d.	Apl. 29 1949 s.	d.
Albi t & Wilson, ord., 5s. ...	30	6	30	0
Alle & Hanburys, pref. ord. 7 um.	32	6	32	6
Am Chemical, ord., 2s. ...	8	3	7	0
Am Chemical, 5% cum. pref.	25	0	25	0
Asc Pharmacies, ord. stock, 5s.	5	0	5	0
Asp ord. stock, 5s.	26	3	26	3
Bee m Group, defd., 2s. 6d. ...	15	6	16	3
Bee m Maclean Holdings 4% r cum. pref.	20	7½	20	7½
Boa Roberts, ord., 5s. ...	32	3	32	3
Boo Eastern) "A" pfd. 6% cum.	31	0	31	0
Boo (Western) "A" pfd. ord. (non-cum.)	37	3	36	6
Boc Pure Drug, ord., 5s. ...	52	0	54	0
Bor Consold., defd. ord. stock	53	1½	53	1½
Bri Alkaloids, ord., 1s. ...	5	6	5	6
Bri Chemicals & Biologicals, 4 cum. red. pref.	21	9	20	3
Bri Drug Houses, ord., 5s. ...	8	0	8	0
Bri Emulsifiers, 2s.		9		9
Bri Glues & Chemic., ord., 4s.	18	0	18	3
Bri Industrial Plastics, ord., 2s.	5	6	6	0
Bri Optical & Prec. Eng., 5%	91%		92½%	
Bri Oxygen Co., ord. stock ...	98	9	100	0
Bri Xylonite Co., ord. stock	100	0	100	0
Bro rton & Co., ord.	20	6	–	
Bur Boulton & Haywood, ord.	27	6	27	6
Bus W. J.), & Co., ord. ...	82	6	82	6
Ca l, ord.	20	7½	20	7½
Co , McD. & Robertson, ord.	33	9	32	6
Co t Gate, ord. stock, 1s. ...	2	7½	2	9
Co P. B., & Co., ord. stock, 4s.	5	1½	5	7½
Cr ld, J., & Sons, 5% cum. pref.	26	3	26	3
Cu s, Sons & Co., ord. stock 2s.	14	0	14	0
Dis rs, ord. stock, 4s.	27	6	27	6
Du y Perfumery Co., ord., 1s.	4	4½	4	3
Du Rubber Co., ord. stock ...	66	9	67	0
En n Foods Co., ord., 2s. ...	8	6	8	6
En roprietaries, 5½% cum. pref.	24	4½	24	4½
Eu , stock, 2s.	4	9	4	9
Ev Medical Supplies, ord. stock	41	3	41	3
Fie J. C. & J., ord., 10s. ...	29	4½	29	4½
Fis , ord. stock	52	6	50	0
Fis 4½% cum. pref.	23	6	23	6
Ga ay, P. H., ord., 2s. ...	4	0	4	0
Gi e Safety Razor Co. shares (par value)	$47.50		$47.50	
Gl Laboratories, ord. stock, 10s.	390	0	450	0
Gl Laboratories, 8% cum. d. ord. stock, 10s.	19	8¼	19	8¼
Go e, W., & Sons, 5% 1st. . pref.	26	3	26	3
Gr -Chemicals Holdgs., ord., 5s.	12	9	12	9
Gr hs Hughes Proprietaries, ord.	26	3	26	3
Ha shire, F. W., stock, 5s. ...	73	9	73	9
Hi Brooke & Southon, ord. 4s.	–		4	6
He cks, stock, 5s.	28	9	28	9
Ho nden, R., & Sons, 7% cum. " pref.	26	3	26	3

£1 unit unless otherwise stated	Mar. 30 1949 s.	d.	Apl. 29 1949 s.	d.
Idris, "A" ord.	38	9	38	9
Ilford, ord. stock, 5s.	26	10½	26	10½
Imperial Chemical Industries, ord.	45	0	46	10½
Imperial Chemical Industries, 7% cum. pref. stock	34	6	35	3
International Sponge Importers, ord. stock, 5s.	4	6	4	9
Kent, G. B., & Sons, 5% cum. ptpg. pref., 12s. 6d.	15	0	15	0
Kershaw, A., & Sons, ord., 1s. ...	1	1½	1	1½
Kleeman, O. & M., ord. stock, 1s.	17	3	15	6
Laporte Chemicals, ord. stock ...	19	4½	19	4½
Lever Brothers & Unilever, ord.	45	0	45	0
Lewis & Burrows, ord. stock ...	30	0	30	0
Lewis & Peat, ord., 1s.	1	9	1	6
Liebig's Extract of Meat, ord., £5	270	0	265	0
Macleans, 4% red. cum. pref. ...	21	3	21	3
Mellin's Food, 6% cum. pref. ...	6	3	6	3
Milton Antiseptic, ord., 10s. ...	20	0	20	0
Mono Containers, 5s.	16	3	16	3
Monsanto Chemicals, ord., 5s. ...	57	6	57	6
Pears, A. & F., 5% deb. stock, irred.	132%		130%	
Potter & Clarke, ord., 1s. ...	3	9	3	6
Reckitt & Sons, ord. stock ...	112	6	112	6
Rolls Razor, prefd. ord., 10s. ...	22	6	22	6
Sangers, ord. stock, 5s.	32	6	32	0
"Sanitas" Trust, ord., 10s. ...	26	3	26	3
Savory & Moore, 5½% 1st red. cum. pref. stock	23	6	23	6
Sherley, A. F., & Co., 8% cum. prefd. ord.	22	6	22	6
Smith & Nephew Associated Cos., ord., 4s.	18	0	18	3
South African Druggists, ord., 5s.	14	0	15	0
Southalls (Birmingham), stock, 5s.	42	0	42	6
Sternol, 8% cum. ptpg. prefd. ord., 10s.	15	7½	15	7½
Stevenson & Howell, ord. stock, 5s.	25	0	25	0
Taylors, Cash Chemists, London, 6% cum. pref.	28	9	28	9
Taylors, Cash Chemists, Trust, 6% cum. pref.	28	9	28	9
Taylors Drug Co., 7% "A" cum. pref.	32	6	32	6
United Glass Bottle, ord. stock ...	70	0	72	6
Veno Drug Co., 12% cum. prefd. ord.	36	3	35	7½
Virol, ord.	72	6	72	6
Viscose Development Co., ord. stock, 5s.	10	0	10	0
Vitamins, 1s.	4	7½	4	7½
Wesley, Harold, 5s.	15	7½	15	7½
Whites (Timothy) & Taylors, ord., 5s.	35	0	35	0
Whites (Timothy) & Taylors, 7½% cum. pref.	37	6	37	6
Wright, Layman & Umney, 7% cum. pref.	31	3	31	3
Yardley & Co., ord., 4s.	57	6	57	6
Yardley & Co., 2nd pref. (cum.)	23	3	23	3

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale c ties of standard quality. Prices of crude drugs and essential oils vary as to brand or

28 Essex Street, W.C.2, May 4

HOME-TRADE business in PHARMACEUTICAL and FINE CHEMICALS has been small during the past week, with all sections of the market reporting quiet conditions. Export inquiry, however, has been renewed with the opening of the British Industries Fair. Makers of BORAX and BORIC ACID have announced reductions in the rates for commercial grades but pharmacopœial quality of these products are unchanged in price. From May 2, the principal BISMUTH SALTS are reduced by twopence per lb. BISMUTH CARBONATE, B.P., in 1-cwt. lots, is now quoted at 14s. 5d. per lb. The volume of inquiry for BOTANICAL DRUGS generally is fair, but business continues small. It is understood, however, that there has been a renewal of activity in CASCARA SAGRADA, with a moderate business done in mature bark at 185s., duty paid. New crop prospects are far from bright and offers from the Coast are made at 23-24 cents per lb., f.o.b. BUCHU is tending easier at origin. Prices of GENTIAN are higher from France and, in spite of the devaluation of the franc, spot quotations have increased to 68s. per cwt. RHUBARB has been in good demand and most of the cheaper parcels have been disposed of. No stocks of rhubarb are available in Hong Kong at present. A number of other Chinese drugs, including STAR ANISE and GALANGAL, are firm on spot. GUM TRAGACANTH is firmer at origin and the spot market has reacted to some extent to the altered position. A small parcel of CARDAMOMS, Mangalore seeds, which arrived recently, will not relieve to any extent the prevailing shortage of this article on the spot. GINGER continues firm with few offers. BALSAM TOLU remains a weak market with sellers at 9s. 9d. per lb. for goods for immediate delivery. CANADA BALSAM is tending easier on spot. A parcel of Pará COPAIBA of B.P. quality is offering on the spot at 5s. 9d. and soluble is available at 4s. 6d. per lb. Prices of Brazilian MENTHOL have again been advanced with spot business done early in the week at 52s. 6d. per lb., duty paid, and more recently, at 54s. 6d., duty paid. There are no offers of Brazilian from origin. Consignments of menthol and Peppermint oil were part of the cargo of the ill-fated "Magdalena."

More interest is being shown in ESSENTIAL OILS generally. Activity in ANISE has resulted in a firmer market and prices have been advanced by threepence per lb. More inquiries are being received for CAMPHOR OIL; forward business is reported at 1s. 10d., c.i.f., in the white oil. The Ministry of Food has authorised the Essential Oils Control to purchase a limited quantity of PEPPERMINT OIL (*M. piperita*) from the U.S.A., to be used only for pharmac purposes (home and export) and f corporation in other products manufa for export. Users who wish to app an allocation of this oil are asked to a return of the quantity required unc 1949 programme to their supervisory accompanied in every case by a guarantee that supplies will be utilis pharmaceutical purposes or in ma tures for export and will not be u disposed of in any other manner.

Exchange Rates on London

Bank of England fixed rates at the ing on Wednesday morning were:—

Centre	Quoted	R
*Alexandria ...	Piastres to £	97¼
Amsterdam ...	Florins to £	10.68
*Bombay	Shillings to rupee	1-5 1/8
Brussels	Francs to £	176½
Copenhagen ...	Kroner to £	19.32
Dutch East Indies	Florins to £	10.68
Dutch West Indies	Florins to £	7.59
*Hong Kong ...	Shillings to $	1-2 15/16
Lisbon	Escudos to £	99.80
Montreal	Dollars to £	4.02½
New York ...	Dollars to £	4.02½
Oslo	Kroner to £	19.98
†Paris	Francs to £	1.096
Rio de Janeiro ...	Cruz to £	75
*Singapore ...	Shillings to $	2-4
Stockholm ...	Kronor to £	14.47
Zurich	Francs to £	17.34

* Free market rates
† Forward francs 1 fr. either side par per

U.S. Drug and Chemical R

New York, Ap

QUIET conditions prevailed in the PH CEUTICAL and FINE CHEMICALS during the past week. The main change was a reduction in ma turers' prices of BORAX, anhydrous nical grade, of $7.50 per ton. The DRUGS and SPICES markets have be active. Prices quoted for new cro DRASTIS, for shipment from the west, are reported to be somewhat h while new-crop SENEGA is also said firmer. GUM ACACIA, amber sorts, quoted at 12 cents per lb., an in of one-quarter cent, while CARNAUBA No. 1, yellow, was advanced one ce lb. to $1.06, with similar adjustme No. 3 N.C. and refined grades. ME was sold at $83 to $86 per flas cording to quantity, which compares an inside price of $85 previously. latter adjustment has been made in of the recent increase in prices anno by the Italian-Spanish cartel, and r

of demand and size of stocks in ted States. The MENTHOL out- still uncertain and though quota- e unchanged at $8.60 to $8.80 it is thought any increase in de- ould immediately bring about a price. There has been little im- nt in activity in ESSENTIAL OILS y small changes in prices.

armaceutical Chemicals

M SULPHATE (*x*-ray).—Prices are ed, 1 cwt., 1s. 3d. per lb. Schedule r lb. (containers in brackets), for s between 28 lb. and 1 cwt. are s: 1s. 8d. (1-lb.), 1s. 7d. (2-lb.), (4-lb.), 1s. 5½d. (7-lb.), 1s. 5d. 1s. 4d. (28-lb.).

IC ACID.—Makers' quotations for eutical quality are from 2s. to per lb., as to quantity.

TH.—Principal salts are reduced ence per lb. from May 2. In 1- , CARBONATE is now 14s. 5d. per TRATE, 12s. 1d.; SALICYLATE and ATE, 12s. 4d.; SUBGALLATE, . Scheduled rates for smaller es are reduced in proportion.

K.—An easier market. Prices of e unchanged as follows: Granular, ton; powder, £39 10s.; powder, ne, £40 10s.; crystal, £39. Re- ates for commercial grades (99.5 t.) are: granulated, £27 10s.; £30; powder, extra-fine (or £31. Smaller quantities are from 5s. per cwt. more than the fore- ates. Carriage paid (minimum 1-) in the U.K.

C ACID.—Prices of British-refined nerican-refined grades of commer- l have been reduced in price. B.P. are unchanged as follows: Granu-) per ton; powder, £62; powder, ne, £64; crystal, £61. Rates for cial are: Granular, £48 per ton; £51; powder, extra fine (or £53. Smaller quantities are from 5s. per cwt. more than the fore- ates. Carriage paid (minimum 1-) in the U.K.

BARBITONE.—Makers' prices for uantities are from 73s. per lb.

TINE.—Makers' rates per oz. are as : HYDROCHLORIDE, 1 oz., 187s.; 4 s.; 16 oz., 177s. 6d., 32 oz., 175s. H IODIDE, 1 oz., 96s. 6d.; 4 oz., 6 oz., 93s. 6d.; 32 oz., 92s.

OBARBITONE. — Home-trade prices changed at from 35s. per lb. up- according to quantity.

CYLIC ACID.—Makers' quotation for is 2s. 2½d. per lb.; scheduled rates for quantities of 28 lb. and under . (containers in brackets) are: d. (1-lb.); 2s. 9½d. (2-lb.); 2s. 9d. ; 2s. 8d. (7-lb.); 2s. 7½d. (14-lb.); d. (28-lb.). Net one month.

Crude Drugs

ACONITE.—Steady. Indian, on the spot, is quoted at 275s. per cwt.; *napellus*, offered at 3s. 10½d. to 4s. 3d., duty paid.

ALOES.—Prime Cape on spot is offered at from 110s. per cwt.; shipment quotation, 100s. per cwt., c.i.f. Curaçao is offered at 185s. per cwt. Socotrine is quoted at 170s. per cwt., spot.

ARECA NUTS.—Supplies of Ceylon on spot are offered at about 57s. 6d. per cwt.

ASAFETIDA.—Persian block on spot is steady at prices from £14 10s. to £24 per cwt., according to grade. Slow of sale.

BALSAMS.—*Canada* is offered at 20s. per lb., on spot. Pará *Copaiba*, soluble, 4s. 6d. per lb., spot. San Salvador *Peru*, 4s. 8d. per lb., duty paid. *Tolu* is weak on the spot with sellers at 9s. 9d. per lb.; shipment, 9s. per lb., c.i.f.

BLACK HAW.—Quotations for tree bark are from 4s. 9d. per lb., duty paid, ex wharf London.

BUCHU.—New-crop short rounds, on the spot, are quoted at 3s. 10d. per lb.; afloat, 3s. 6d. per lb., c.i.f. Easier at origin.

CALABAR BEANS.—Steady. Spot quotations are from 10½d. to 11d. per lb.

CALUMBA.—Washed ungraded root is offering at about 130s. per cwt., spot.

CAMPHOR.—Chinese tablets are offered at from 7s. 6d. (½-oz.) to 7s. 9d. (¼-oz.) per lb.; refined natural powder (B.P.), 6s. 3d. to 6s. 6d.; slabs (2½-lb.), 7s. 3d., spot London, duty paid. English synthetic powder, B.P., is quoted at 5s. per lb. and technical at 3s. 9d. per lb., in 100-lb. lots.

CANTHARIDES.—Quiet. Chinese on spot are offered at 7s. per lb.; from origin, prices are 4s. per lb., c.i.f.

CAPSICUMS.—African on spot is offered at from 90s. to 130s. per cwt., as to quality.

CASCARA SAGRADA.—Spot quotations are unchanged at from 170s. to 185s. per cwt., duty paid, with business done in mature bark at the latter figure.

CASCARILLA. — Quills are offering at 1s. 5d. and siftings at 1s. 3d. per lb., spot.

CASSIA PODS (*C. fistula*).—East Indian is quoted at 62s. 6d. to 65s. per cwt., ex wharf London.

CHAMOMILE FLOWERS.—Belgian material is offered at 3s. 9d. per lb., spot.

CHAULMOOGRA.—Spot supplies of *Hydnocarpus* are available at 1s. 9d. per lb.

CHERRY BARK.—Thin natural is in good demand at 1s. 4½d. per lb., duty paid, ex store.

CLOVES. — Zanzibar, spot, quoted at 1s. 1½d. per lb.; May-June shipment, 1s. 1d., c.i.f. Madagascar, in bond, 11d.; shipment, 10¼d., c.i.f. Penang, spot, 3s. per lb.

COCHINEAL.—Silver greys on spot are quoted at 4s. 2d. per lb.; blacks, 4s. 9d.

COLOCYNTH.—Pulp on the spot is offered at prices from 1s. 7½d. per lb.

CINCHONA.—Congo bark (*succirubra*) is quoted at from 2s. 5d. to 2s. 6d. per lb.; Tanganyika hybrid, from 2s. to 2s. 6d. per lb., ex wharf.

CINNAMON.—Quiet. Spot quotations for 0000 are at from 2s. 3d. per lb.; quillings are offered at 1s. 2d., featherings at 1s. and chips at 5d. per lb.

COLCHICUM.—Corms on the spot are offered at from 6s. per lb.; seeds (testing 0.609 colchicine) are offered ex wharf at 13s. 3d. per lb.

ELEMI.—Manila No. 1 gum is quoted at 2s. to 2s. 3d. per lb., spot London.

ERGOT.—Portuguese, May shipment, quoted at 6s. 9d. per lb., landed.

FRANGULA.—Supplies of bark on spot are offered at from 105s. per cwt.

GALANGAL.—Supplies in bond are offering at 97s. 6d. per cwt.

GAMBOGE.—Siam pipe on the spot is offered at £45 per cwt., duty paid; powder is offered at 11s. per lb.

GENTIAN.—French natural on the spot is firmer at 68s. per cwt.

GINGER.—African on spot is nominal at 140s. per cwt.; May-June, 127s. 6d., c.i.f. Jamaican, No. 1, 185s. per cwt., spot, nominal; No. 2, 180s., spot, nominal.

GUAIACUM RESIN.—Steady. Prices are from 2s. 4½d. to 2s. 6d. per lb., spot.

GUM ACACIA.—Steady. Kordofan cleaned sorts, on the spot, quoted at 59s. per cwt.; shipment, 55s., c.i.f. Bleached No. 1, 125s., spot; to arrive, 115s., c.i.f. Talha, on spot, 45s. per cwt.; forward shipment, 37s. 6d. per cwt., c.i.f.

HENBANE.—B.P. herb (*niger*) on spot is quoted at 4s. 3d. per lb. Egyptian material (*muticus*) is quoted at origin at 95s. per cwt., c.i.f.

HONEY.—Prices are unchanged. Agreed rates per cwt., for honey for manufacturing purposes, are as follows: In original packings for quantities of 10 cwt. or more, 96s.; less than 10 cwt., 105s., net, carriage paid. Refined repacked honey is available at the following rates per cwt.: In 7-14 lb. tins, 145s.; 28-lb. tins, 130s.; 56-lb. tins, 120s., carriage paid, subject to wholesale discount of 8½ per cent.

HYDRASTIS. — Quotations are from 30s. to 35s. per lb., ex wharf, London.

KAMALA.—Quoted at 2s. 3d. per lb., spot.

KOLA NUTS. — African quarters are offered at about 6d. per lb.; halves from 2d. to 2½d. Jamaican washed halves are quoted at 3d. per lb.

LANOLIN.—Home-trade prices for B.P. grades are unchanged, as follows: Anhydrous, £120 per ton; hydrous, £100. Superfine anhydrous is quoted at £126 per ton.

LIQUORICE.—Anatolian natural root on spot is offered at from 45s. to 47s. 6d. per cwt.; Syrian, 40s.; Russian, 45s. 6d. to 46s. Italian block on spot is on offer at 160s. per cwt.; Italian stick is quo 295s. to 560s. per cwt., as to grade. T block is offered at 210s. to 220s. per Turkish stick is available at 300s. pe American block is quoted at 150s. pe

LOBELIA.—Spot quotations are 4s. 2d. to 4s. 3d. per lb.

MACE.—West Indian blade on the s quoted at 6s. 3d.; pickings, 4s. to 6 lb., according to quality.

MALEFERN.—A parcel on spot (3.0 cent. filicin) is offering at 65s. per c

MASTIC.—Small tears (No. 2) are ing at from 13s. per lb., spot.

MENTHOL.—Firmer. Business done spot market at 54s. 6d. per lb., duty in bond, 49s. per lb., buyers. No of Brazilian from origin; Chinese, origin, is quoted at 60s. per lb., c.i.f.

MERCURY.—Ex warehouse, £18 10s flask; shipment, £17 17s. 6d., c.i.f. U

MYRRH.—Aden sorts on the spot offered at £12 per cwt.; siftings are q at £6 10s. to £7 per cwt.

NUTMEG.—West Indian 80's on the 2s. 10 l.; sound unassorted, 2s. 4d.; w and broken, 1s. 5d. per lb.

NUX VOMICA.—Cochin on spot is o at 36s. per cwt.; at origin, quotation washed and garbled material are at c.i.f. Mangalore is 34s. per cwt., spo

OLIBANUM.—Steady. Fair drop i fered at 150s., peas at 190s., fair garb 125s., and siftings at 80s. per cwt.,

ORRIS.—Florentine root on the sp offered at 115s. per cwt.

PAPAIN.—East African, on the spo offered at 14s. per lb.; Ceylon br offered at 11s. per lb., spot.

PIMENTO.—Steady. Spot quotation at from 1s. 2¼d. per lb.; forward, per cwt., c.i.f.

PSYLLIUM SEED.—French black is q at 2s. per lb., duty paid; I (ispaghula)), 120s. per cwt., spot.

QUASSIA.—Jamaican chips on the are quoted at 35s. per cwt.

QUILLAIA.—Natural bark on the sp quoted at from 92s. 6d. to 95s. per c cut bark, 125s. per cwt., crushed, 120

QUINCE SEED.—Cape on the spot i fered at from 3s. 9d. per lb.

RHATANY.—Quiet. Spot quotations unchanged at 9d. per lb.

RHUBARB. — Chinese rough-roun firm at from 4s. 6d. to 5s. 6d. per duty paid, on the spot; in bond, 4s. per lb.

SARSAPARILLA. — Jamaica native on the spot, is offered at 2s. to 2s. per lb.; Jamaican grey, 3s. 6d., spot.

SEEDS.—The market for ANISE rem quiet and unchanged. Cyprus, 1s. 4½d. lb.; Turkish 1s. 4d. per lb., duty paid

per lb. in bond, all spot London. AY.—Sellers of Dutch at 115s. per duty paid, spot London. CELERY.— is offered at 1s. per lb., spot n or Liverpool. CORIANDER.— Mor- or shipment is firm. Shippers are uoting 32s. per cwt., c.i.f., London. on spot are still quoting 35s. per duty paid. Argentine, offered at l. per cwt., duty paid, spot London erpool. CUMIN.—Cyprus, offered at per cwt., spot London; no business d at this figure. Indian, quoted at 5d. per cwt., spot London or Liver- ILL.—Indian is offered at 47s. 6d. per pot London or Liverpool. FENNEL.— in poor demand. Sellers quoting l. per cwt., spot London or Liver- FENUGREEK.—Both Indian and o for shipment are dearer, but spot remain unchanged. Indian, 54s. per spot London or Liverpool; and o, 53s. 6d. per cwt., duty paid, spot n only.

GA.—Supplies of root on the spot ered at 7s. 6d. per lb.; at origin, 7s. c.i.f., quoted.

NA.—Tinnevelly leaves, spot, No. 1, ½d. to 11d. per lb.; No. 2, 7½d. to o. 3, 6d. per lb.; Tinnevelly pods, icked, 9d. to 1s. 5d.; manufacturing, 6d. Alexandrian pods, hand-picked, rom 4s. 9d. to 5s. 9d., according to and seller; medium, 2s. 9d.; manu- ng, from 1s. to 1s. 9d. per lb.; uality pods, scarce on spot. Alex- n leaves, f.a.q., 1s. 2d. per lb.

KA BEANS.—Spot quotations are at to 6s. per lb. for Pará blacks; Trin- s. 9d., spot; Angostura, 8s., spot.

GACANTH. — Selected white, on the £85 per cwt.; other white grades, £60 to £80; pale leaf, £33 to £35; £20 to £25; red, £12; hoggy, about £9 per cwt.

MERIC.—Madras finger is quoted at to 112s. 6d. per cwt., spot; May- hipment is quoted at 95s., c.i.f.

KES.—Dar-es-Salaam BEES' on spot ady at 330s. per cwt.; shipment, c.i.f., nominal. Benguela is quoted at per cwt., in bond; forward, no offers. LILLA.—The market continues easier spot supplies offered at 330s. per June delivery, 335s., c.i.f., quoted. UBA.—Prime yellow is quoted at per cwt., spot; shipment, firm at c.i.f. Fatty grey, on spot, quoted per cwt.; shipment, 450s., c.i.f. y grey, 425s. per cwt., spot; forward, c.i.f. MONTAN.—Steady. Reibeck ring at 220s. per cwt., spot; June y, 210s. Czechoslovak crude is at 200s. per cwt., spot; forward, c.i.f. OURICURI.—7.5 per cent., per cwt., spot; no offers forward. ACETI.—Spot offers are made at per lb.

Essential and Expressed Oils

ALMOND.—Sweet oil (B.P.) is offered at around 4s. to 4s. 6d. per lb. Bitter essential oil on the spot is offered at from 27s. 6d. to 60s. per lb., as to grade.

ANISE.—A firmer market. Chinese star on the spot is offered at from 4s. 9d. to 4s. 10d. per lb., for oil in drums; in tins in cases, 5s. 3d. per lb.; for shipment, drums are quoted at 4s. 7½d., c.i.f.

CAMPHOR.—White oil on spot is quoted at from 2s. 3d. per lb., duty paid; forward business done at 1s. 10d., c.i.f.; brown oil, from 1s. 9d. per lb., duty paid.

CITRONELLA.—Ceylon on the spot is quoted from 3s. 10½d. to 4s. per lb.; forward, 3s. 9d., c.i.f. Java is 9s. per lb., spot, nominal; shipment, from origin is quoted at 6s 9d. to 7s. per lb., and offers from Holland are at about 7s. 1½d. per lb., c.i.f.

CLOVE.—Steady. Quotations for English-distilled bud oil are at from 10s. 3d. to 11s. per lb., according to quantity. Madagascar is offered at from 5s. 6d. to 6s. 6d. per lb.

GERANIUM.—Firm. Bourbon on spot is offered at 57s. 6d. per lb.; African is quoted at about 60s. per lb., spot.

JUNIPER BERRY.—Steady. English-distilled oil is quoted at from 70s. to 75s. per lb.; imported oil is offered at 20s. to 23s. per lb., according to seller.

LAVANDIN.—Little interest shown. Spot quotations are from 7s. to 7s. 6d. per lb.

LAVENDER.—Steady. French, 38-40 per cent., on spot, is quoted at from 16s. to 17s. per lb.; 40-42 per cent., 17s. to 18s. Spanish spike is offering at 7s. 6d. per lb., spot.

LIME.—West Indian on spot is offered at from 28s. 6d. to 30s. per lb.

PATCHOULI.—Singapore on the spot is quoted at from 27s. to 30s. per lb.; shipment offers are at 27s. 6d., c.i.f. English-distilled oil is 80s. per lb.

PEPPERMINT.—English-distilled "Mitcham" oil is offered at 200s. per lb.

PIMENTO BERRY.—English-distilled oil is offered at from 55s. to 65s. per lb. and upwards as to quantity and grade.

ROSEMARY.—Spanish is offered at 5s. 6d. to 7s. 6d. per lb., as to quantity: Dalmation, from 5s. 6d. to 6s. 6d., spot, London.

TEASEED.—Spot supplies of refined edible are offered at about 23s. per gall. of 9 lb. A firmer market.

TEREBINTH.—Quotations for B.P. oil are from 1s. 6½d. to 1s. 10½d. in winchesters, and 1s. 5d. per lb. in carboys.

THYME. — Red oil (40-42 per cent. phenols), 10s. 6d. to 12s. 6d. per lb.; white oil, 17s. to 18s. 6d. per lb., spot.

TI-TREE.—Quotations are from 6s. 6d. to 7s. per lb., according to quantity.

VETIVERT.—Bourbon on spot is quoted at from 65s. to 70s. per lb., as to grade.

YLANG YLANG.—Bourbon, 60s. to 70s. per lb., as to grade and seller.

CORRESPONDENCE

Addled

SIR,—If Mr. H. J. Sadler of Crawley will refer to his B.P.C. Supplement he will find that he does not require his egg permit. I presume that his local food office will tell him that "he has had it."

Yours faithfully,

Rochdale. J. B. PARRY.

Unlicensed Moneylenders

SIR,—It might interest Money Lender (see *C. & D.*, April 23, p. 539) to know that some three months ago I asked my M.P. to extract a promise from the Home Secretary in the House of Commons that he would not set the law in motion to have all chemists arrested for lending money to the Minister of Health when they were not registered as moneylenders. Through being overawed either by the Home Secretary or by the Minister of Health, my M.P. has so far failed to raise the question.

St. Andrews. A. W. KEITH.

Examination in Truss Fitting?

SIR,—Our attention has been drawn to your series of articles on "Trusses And Their Fittings" and we would like to congratulate you on your endeavour to assist those who are engaged in supplying these appliances. We all agree that, in the past, sufferers from herniæ have sometimes been caused harm and frequently had their condition aggravated by wearing unsuitable trusses, through falling into the hands of inexperienced fitters. The satisfactory measuring and fitting of trusses requires anatomical knowledge in conjunction with a skill that can only be acquired through experience of a practical nature under the tutelage of an expert. Not only in the past, but today, that is frequently sadly wanting. We feel sure your readers will be interested to know that the Institute of British Surgical Technicians has for some time been in consultation with the Ministry of Health and Royal College of Surgeons of England on this matter. To put truss-fitting on a proper footing it is proposed that examining bodies for truss fitters be instituted in the various regional centres, thus covering the United Kingdom. The syllabus for a Truss Fitters' Examination has been drawn up by the Royal College of Surgeons, and candidates will have to possess both theoretical and anatomical knowledge, and give proof of ability based on experience—a feature to which this Institute has always gi high value. It is the intention that c certificates of proficiency shall be to successful candidates, and that th ting of trusses to National Health S patients shall thereafter be limite holders of these certificates. We b that pharmacists interested in sup trusses will welcome the scheme, details of which will be published la

Yours faithfully,

W. T. R. BECKETT, *Secret*

Institute of British Surg

London, E.C.1. Technicians.

Aspirin "Sweets"

SIR,—In recent years a vogue ha veloped for exhibiting drugs, partic aspirin, in a form similar to sweets. not wish to deal here with the wider a of this issue, but I would like to attention to the danger that young chi may take such preparations under impression that they are sweets. I su that an approach should be made t associations responsible for manufact confectionery to secure that an a colour of wrapper be set aside for preparations. If, for example, each vidual tablet were wrapped in, say, transparent paper with the name pr on, it would, I think, materially confusion, and it would be fairly simp educate children accordingly.

Yours faithfully,

Newcastle-on-Tyne, 5. A. FORST

FIFTY YEARS AGO

Sunday Trading

(*From the C. & D., May* 6, 1899)

AT Stoke County Police Court, on 28, eleven shopkeepers were summone having on the Lord's Day exercised ce worldly labour, business, and work their ordinary calling, not being wor necessity or charity. The defendants cluded John Speakman, a herbalist, stated that his Sunday business w necessity, as he cured toothache on premises. The stipendiary (Mr. Wright): Do you say what you sell medicine? Defendant: Well, I stop to ache, and I think it is a case of nece if anyone is suffering from toothache. stipendiary, who characterised the Ac unjust and unfair, fined each defen ½d., or, in default, two hours in the st

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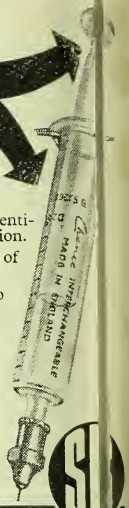

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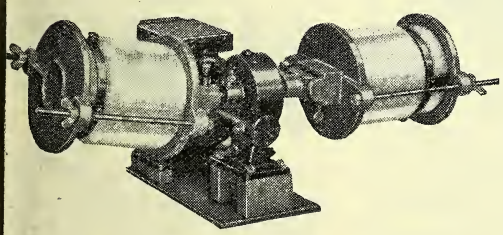

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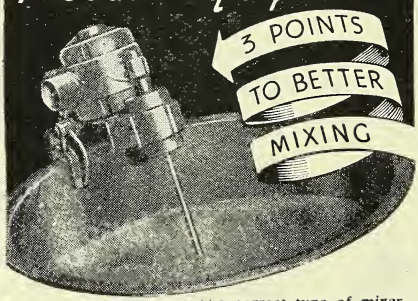

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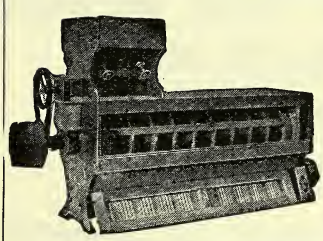

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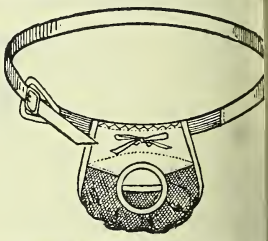

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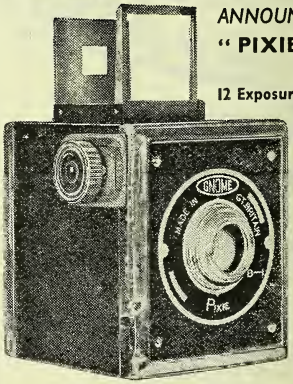

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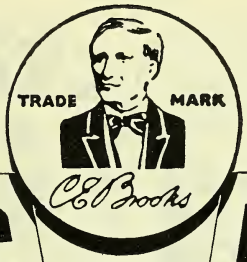

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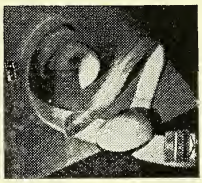

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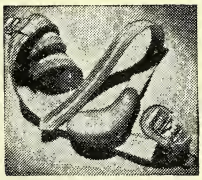

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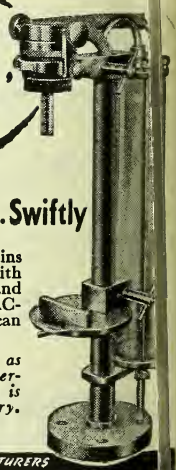

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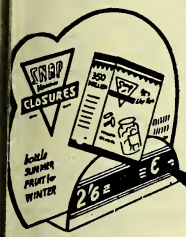

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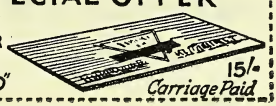

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Not a cork can escape; many are completely eliminated. Sometimes only 5 per cent. of a *whole batch* survive to become corks of our Grade A quality. If a cork is even 1/63rd of an inch too small, it is pitilessly rejected and ground into by-products.

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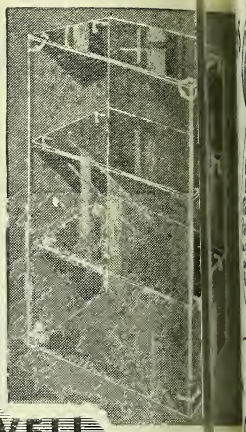
IF YOU, too, feel totalitarian about corks, and want them, in each grade, as uniform in size and quality as skill and experience can make them—please get in touch with us by letter or telephone. Armstrong Cork Company, Ltd. (Closure Division), Kingsbury, London, N.W.9. Telephone: Colindale 7080. Scottish Branch: 5 Oswald Street, Glasgow, C.1. Telephone: Central 5703.

FREE ON REQUEST. The handy Armstrong String of Standard Cork Sizes shows at once what size you want—whether for dispensing or for ordering supplies. May we send you one?

ARMSTRONG'S CORKS

CORKS · CROWN CORKS · MOULDED CAPS

No. 801 in the Gupwell Catalogue of Modern Display Fittings



Show well with

GUPWELL

DISPLAYTHINGS

Combined counter top and display case of frameless glass, pilferproof. Size, 24 in. high x 18 in. x 12 in., two shelves. Builds up with sloping front unit 36 in. x 14½ in. high x 12 in. to form complete counter top.

A. J. GUPWELL (Shopfitters) LTD
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PROFIT

by our exceptional trade prices, free replacement service, showcard, window stickers and leaflets. Kleenkil D.D.T. Flycards and Insect Powder give the greatest satisfaction to both users and stockists. Write for details—The Kleenkil Company, 11, Kenton Gardens, Harrow, Middx.

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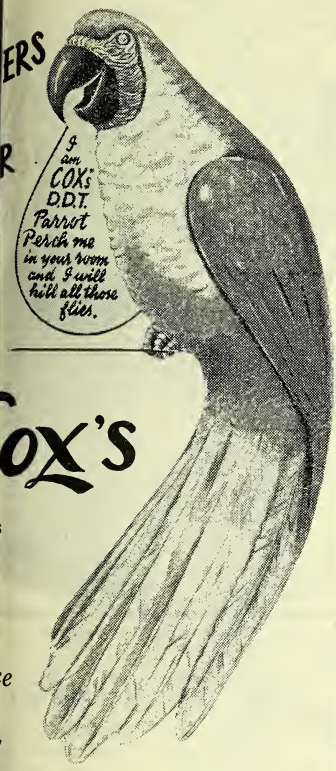
Showcases supplied from stock or made to specification
Let us advise you on your new SHOPFRONT

Write or Phone:—
RELIANCE BUILDING Co. *(Shopfitters)*
1a EBBSFLEET ROAD, CRICKLEWOOD
LONDON, N.W.2 Gladstone 9



THE SUMMERS BEST SELLER

COX'S

inventors of the first D.D.T. flypapers

introduce THE NEW ARTISTIC COLOURED

D.D.T. PARROT

GUARANTEED 100% IMPREGNATED

EACH CAN KILL 10,000 FLIES

ORDER NOW

retail 4½D each

Cox's Original Flypaper 3D

JAMES COX & CO.
(Manufacturing Chemist)
368 Northolt Road
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PROMOL

JUNIOR MOTH RINGS

CONTAIN DEADLY D.D.T.

PROMOL MOTH RINGS JUNIOR SIZE are now doubly efficient by compounding Napthalene with Paradichlorbenzenum and D.D.T. The first two, powerful moth repellents, evaporate gradually, leaving the deadly D.D.T. as fine powder which ***kills insects by contact,*** thus giving an extra protection. Tell your customers this for ***SURE SALES.***

Twice as efficient as before—twice as saleable. 8 rings for 4d.

Attractive red, white and blue display carton. Enquiries invited.

Send Your Enquiries NOW!

PROMEDICO PRODUCTS LTD., 21/22 Turle Road, London, N.4

WYLIE'S

Abrasive

HAND SOAP

It's QUICK—
It's GOOD!

INVALUABLE IN THESE DAYS OF SOAP SHORTAGE

This is the scarlet and pink tin that catches the customer's eye—outstanding on your shelf, compelling in its attractiveness; WYLIE'S Abrasive HAND SOAP is kind to sensitive skins, it cleans and protects hands, making them soft and supple while gently removing grime. No grit, acid or caustic. A quality line worthy of warm recommendation.

NO COUPONS

1/3

IN THE PINK AND RED TIN

Write for particulars and terms to the SOLE DISTRIBUTORS

NORMAN PELL (SALES) LTD.

30/31 SHOREDITCH HIGH ST., LONDON, E.1 Tel: BIShopsgate 2629

OVER 20,000 already sold

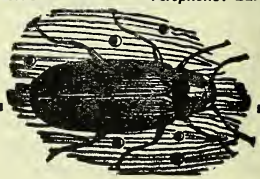
The OUTFIT, comprising 8 oz. bottle of Rentokil Timber Fluid complete with injector, retails at 10/6

The Rentokil Junior Injector (for f ing timber fluid into wood worm ght holes) has already 20,000 satisfied rs. Advertisements are now appearing i *The People, News of the World, Sunday Pi ire News, Daily Mail, Express, News Chr le, etc., etc.* Hundreds of letters are ng received from the public asking whe he injector can be obtained locally — D T LOSE A SALE—When your custome sk for the Rentokil Junior Injectors, M E SURE YOU HAVE THEM. If you h n't

WRITE OR PHONE IMMEDIATELY TO

RENTOKIL LTD

SCHOOL LANE, FETCHAM, LEATHERHEAD SURREY *Telephone:* LEATHERHEAD 1/2



JARVIE'S QUININE

HUGH JARVIE
COMPANY LIMITED
SCOTIA CHEMICAL
WORKS COATBRIDGE

FOR ENQUIRIES TO EXPORT DEPARTMENT, 10 PORTMAN ST., LONDON, W.1.

A New Contraceptive

- The result of biological and clinical resea which has been conducted under independ medical supervision.
- Completely spermicidal and remarkably ra in action.
- Non-irritant, odourless, non-greasy, and f from all insoluble substances.
- Will keep indefinitely and not affected climatic conditions.
- A product of the Rendell Laboratories.

RENDELL-FOAM

The introduction of Rendell-Foam will provide a new standard ethical importance in the technique of contraception, and will widely prescribed when conception control is either necessary desirable.

SUPPLIES IMMEDIATELY AVAILABLE FROM ALL WHOLESALERS

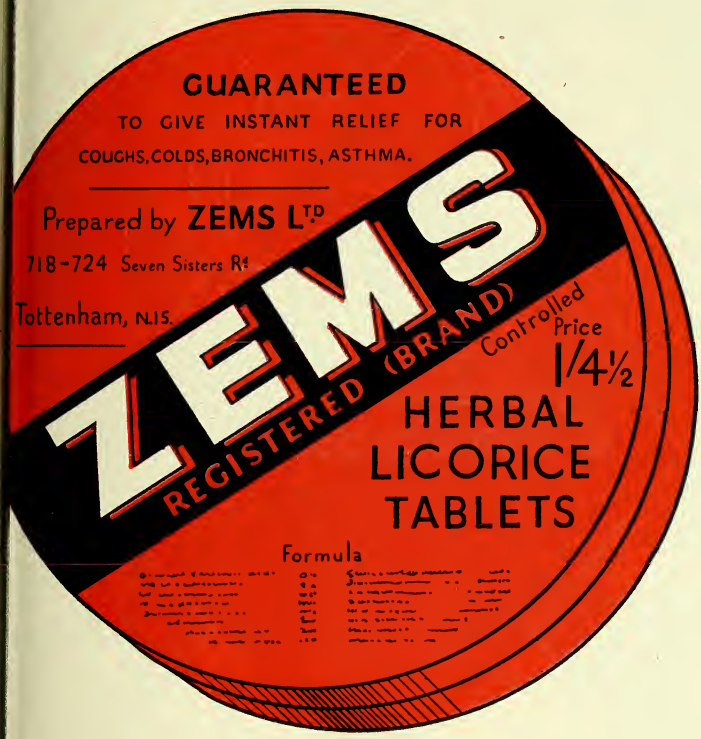
Quantities of less than 6 dozen tubes	... ...	21/- per dozen nett
Quantities of not less than 6 dozen tubes	...	20/- per dozen nett
Quantities of not less than 12 dozen tubes	...	19/- per dozen nett

RETAIL 2/6 PER TUBE. P.A.T.A.
(Exempt from purchase tax)

W. J. RENDELL LTD
161/165 ROSEBERY AVENUE - LONDON - E.C

EVERY MONTH OF THE YEAR

"ZEMS"
ERBAL LICORICE TABLETS



THE BEST MEDICATED TABLETS FOR
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained from C.F Wholesale Houses

ZEMS LTD

718-724 Seven Sisters Road, London, N.15

Telephone: STAMFORD HILL 6658-9

For many pharmaceuticals

Baby Powder

Bath Salts

NO-FEET

TALC Powder

FULLERS Earth

MONO *Containers*

Salts, crystals, unguents and creams, and many patent foods—all depend upon freshness for consistent sales. Mono waxed paper cartons are hygienic, moisture-proof and preserve the contents in perfect condition. Available with tapered or cylindrical sides and screw or disc lids with printed designs that avoid labelling problems. Enquire for details and samples.

Vita HERBAL & VEGETABLE SALTS

MASSAGE OINTMENT

Vecon TONIC DRINK OR SAVOURY SPREAD

CONFECTION OF SENNA Boots

EPSOM SALTS

MONO CONTAINERS LTD • CUMBERLAND AVENUE • PARK ROYAL • LONDON • N.10

For CHEMISTS ONLY

A NEW PROFITABLE QUICK-SELLING LINE

HOSTESS
FRUIT SQUASHES
MAKING A HOST OF FRIENDS

RESTRICTED EXCLUSIVELY TO CHEMISTS

GOOD PROFITS

RETAIL PRICE	-	2/9 per bottle
YOUR RETURN	-	33/- dozen
YOUR BUYING PRICE	-	24/9 ,,
YOUR PROFIT	- -	8/3 ,,

(equals 33⅓ on cost)

ATTRACTIVE VALUE
And a quality you can confidently recommend. The smart pack makes a most attractive display.
Popular flavours. Orange, Lemon, Lemon and Orange, Pineapple, Applym (a Lime flavoured apple juice cordial).

ORDER THROUGH YOUR USUAL WHOLESALE CHEMISTS

CITRUS PRODUCTS CO. LTD. 87 Regent St. London, W.I

Now available

NEW, IMPROVED ARR

over 8d. profit for you on every jar you sell! Retail price 2/5 including purchase tax

—the cream deodorant which also stops perspiration

WOMEN are clamouring in the sh Arrid—the world's biggest-selling deodorant which also stops perspiration. tising is being increased, and with a national campaign running, the demand something terrific!

Arrid sells on sight, and you make c on every jar. Easy, quick profits, and s customers who'll come in for other goods be well advised to stock up without delay

ORDER ARRID NOW!

Details of special terms for ARRID, Carter's Little Liver Pills, and other prod from **THOMAS MARNS LTD., 2 CAXTON STREET, LONDON, S.W.1**

AN ALL COTTON WOOL PRODUCT OF REPUTE

Consoluxe (Registered) Patent No. 410702

SUPERFINE QUALITY
ALL WOOL SANITARY TOWELS

LOOPED ENDS
NON-ABSORBENT BACK

WHOLESALE ONLY

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: GREAT MOOR 3006 Grams: "UNDISPUTED," STOCKPORT

PROPAX
DOUBLE POWER
TABLETS
Really Stop Pain

A double power analge in ever increasing dema Prompt delivery from wholesalers or direct fr

SPLENDO
LTD.

4d, 7½d, 1/7 and 2/9 Incl. P. x.

LONDON and NOTTINGH M

ritish Industry Fair deals...

e is good news for our customers at last. An increase in de-
ies of raw material means that some increase in supplies will be
able to our stockists in the months ahead. As is our usual
y the benefits of this increased production will be passed on in
orm of a reduction in price. Stanex and Andrex toilet tissues
Stanex paper handkerchiefs are affected by this price change and
evised price list appears below.

he meantime we are most grateful to our old customers and to
hundreds of potential-customers for their patience and under-
ding of our unique and most difficult position.

ANDREW MILLS PRODUCTS include:

		RETAIL PRICE (*incl. Pur. Tax*)
ANDREX	The softest Toilet Tissue—made entirely of the purest materials.	1/0d. per roll
ANDROL	A glazed paper of high quality	1/1½d. ,, ,,
STANEX	Absorbent unglazed paper *not* harsh or bulky crepe.	11d. ,, ,,
MARVO		9½d. ,, ,,
SAMARITAN		8d. ,, ,,
ANDREX PAPER KITCHEN TOWELS (Now free of Purchase Tax)		1/9d. ,, ,,
STANEX PAPER HANDKERCHIEFS (Now free of Purchase Tax)	(per packet of 40 handkerchiefs) Reduced prices operate from May 2nd	6d.

BIF 1949

MAY 2-13
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EARLS COURT

SEE OUR EXHIBIT

Wholesale only:

ST. ANDREW MILLS LTD.
WALTHAMSTOW, E.17

STAND No. M 123.

TELEPHONE:
LARKSWOOD 1014-5-6

EDME
"Autumn Sun"
EXTRACT of MALT with COD LIVER OIL
AND FLAVOURING. B.P. Net. 1LB.
REG. TRADE MARK
EDME LIMITED, IMPERIAL HOUSE, REGENT STREET, LONDON, W.1
Phone: Regent 5563-4, Grams: Edme, Piccy, London
Works: Mistley, Essex

RALGEX
DISPLAY CONTAINER
In response to a number of requests from the Trade, we have now introduced an attractive display container to hold one dozen RALGEX
This should prove a valuable aid to over the counter sales. If you would like to receive your RALGEX in this container kindly specify your requirements when re-ordering.
PHARMAX LIMITED
The Organ Works
Old Hill Chislehurst Kent

DAVIS
FOR SOFT DRINK
KI
ORANG CUP
DA S
LEMON ASH
ORANGE ASH
LEMON BARL VATER
GRAPE FRUI QUASH
SYRUP
Lemon · Orange · berry
Strawberry · Aprico Grena-
dine & Vani
GINGER WI
BLACK CURRANT C AL
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Send for Pric ist
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PRODUCTS OF THE HOUSE OF DAVIS
EST. 1864
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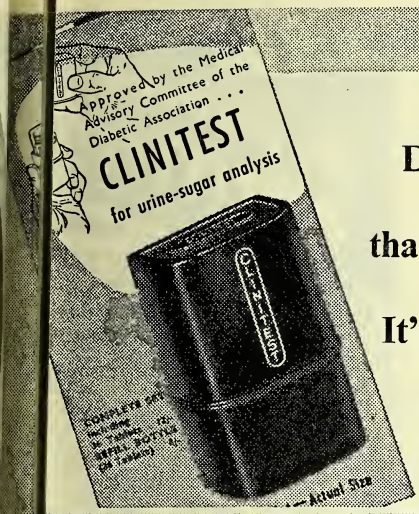


Diabetic customers will thank you for this leaflet. It's good news for them – good business for you!

G every customer for insulin and other diabetic products a 'Clinitest' leaflet. It shows how to make the urine-sugar test more conveniently, quickly and accurately than ever before. No fuss or bother—this new streamlined test combines all reagents in one compact tablet which generates its own heat.

Approved by Diabetic Association

The Medical Advisory Committee of the Diabetic Association have approved 'Clinitest.' Advertising in the *Diabetic Journal*, *The Lancet*, *Practitioner* etc., is telling diabetics and doctors about this unique one-minute test.

Turn this interest into sales

Chemists who have passed 'Clinitest' leaflets to diabetic customers have found quick and ready purchasers. The interest is there—and a word from you can make sales that win you goodwill and open up a steady demand for 'Clinitest' Tablets. A supply of leaflets is sent with every order of 'Clinitest.'

CLINITEST

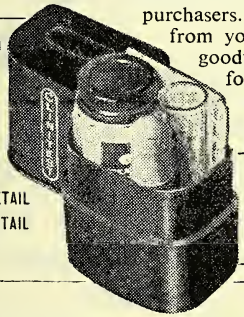
TRADE MARK

THE NEW ONE-MINUTE NO-HEATING TABLET FOR DETECTING URINE-SUGAR

POCKET SIZE SET, INCLUDING 36 TABLETS 12/- RETAIL

REFILL BOTTLES (36 TABLETS) . . . . . 4/- RETAIL

TRADE DISCOUNT 33⅓%



MEDICAL LITERATURE
Available on request for distribution to doctors.

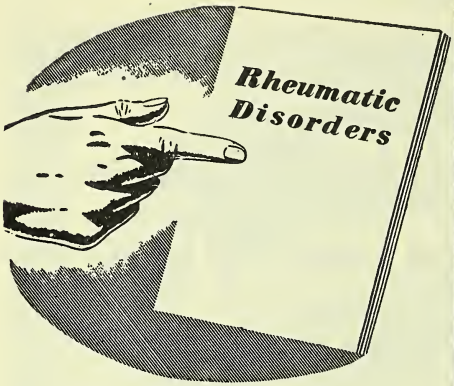
For complete information and supplies write to:

DON S. MOMAND LTD.

Sole Distributors

57 ALBANY STREET, LONDON, N.W.1 *Tel: EUS 1326 · EUS 2076*

A PRODUCT OF THE AMES COMPANY INC. OF ELKHART, IND., U.S.A.



NEW BOOKLET

FOR RHEUMATIC SUFFERERS

This is an authoritative treatise on Rheumatic complaints written in language that the layman can easily understand. Copies are now being included in both the 5/6d. and 26/5d. size Curicones Cartons, and supplies are also available to chemists FREE on request.

Mention is being made of this booklet in our National Advertising and readers are invited to ask their chemist for a copy. Make sure you have a supply of these booklets on hand.

If you require one of these Curicones booklets at short notice to comply with a request from a customer, please take one from a CURICONES CARTON.

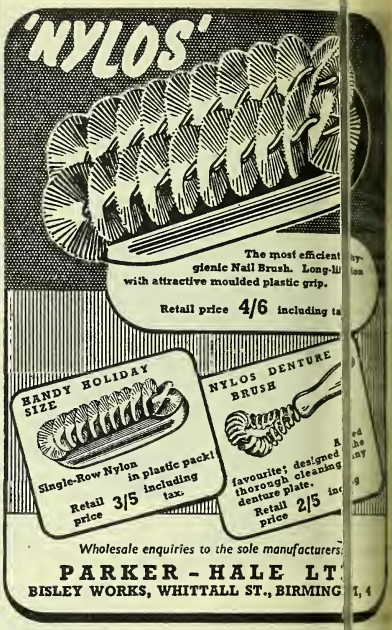
Weather-Indicating Novelty Showcards

Size 8 × 12 (approx.) Printed in bright, attractive colours. An excellent novelty and surprisingly accurate. So simply send us your name and address to obtain one.

P.A.T.A.

CURICONES

Stephen Matthews & Co. Ltd., 19/21 Farringdon St., E.C.4



A NEW and PROFITABLE line —

To retail at 2/6 per bottle, sufficient for four Treatments

Write for free sample to—

METROPOLITAN DRUG CO.
35 OLD BOND STREET, LONDON

Gill's
DANDRU
REMOV
SHAMP

REVOLUTIONARY LINE !

Dentifrice that stops Decay

Three months ago the trade in dentifrices in America was revolutionised over night.

Scientists discovered that a tooth powder containing a particular combination of Carbamide and Dibasic Ammonium Phosphate not only prevents teeth decaying but actually arrests decay, if it has already set in.

Thousands of Clinical Tests under Scientific Control were made before the findings were accepted by the Profession.

Now American Drug Stores are swamped with demands for Ammi-dent, the Ammonium Ion Tooth Powder. The same thing will happen here as Ammi-dent gets known.

Dentists are recommending it. Hospitals are using it. Our great advertising campaign is just getting under way.

One can't afford to lose business in these days. Ask your wholesaler if he can spare a dozen Ammi-dent today.

Distributors : **Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1**

AMM-I-DENT

The Ammonium Ion Tooth Powder

ACTUALLY PREVENTS TOOTH DECAY

Retail **2/6** incl. Tax. Usual Trade Discounts

MADE AND GUARANTEED BY THE

WINNET DENTAL MANUFACTURING CO., WELWYN GARDEN CITY, HERTS.

Antisepsis

The Time Factor

In estimating the true nature of an antiseptic, Time is a dimension. An antiseptic may be entirely efficient in that, over a given area, it destroys all pathogenic organisms. But there remains to be considered the risk of fresh contamination.

The protection given by 'Dettol' is prolonged. Unless washed off or grossly contaminated, 30% 'Dettol' painted on the unbroken skin and allowed to dry will remain bactericidal against *streptococcus pyogenes* for at least two hours.*

** This experimental finding (J. Obstet. Gynaec. Brit. Emp. Vol. 40 No. 6) has been confirmed in obstetric practice extending well over a decade.*

'DETTOL'

THE MODERN ANTISEPTIC

RECKITT & COLMAN LTD., HULL AND LONDON
(PHARMACEUTICAL DEPARTMENT, HULL)

VITAL STATISTIC

Each day an adult needs 600 I.U.s Vitamin $B_{.1}$. It is an appalling fact t many diets, with their preponderance white bread and over-milled cereals, y only half this amount. Yestamin natic advertising is directed to showing how situation may be simply remedied with d yeast — a statement endorsed by higl medical authorities. Ever-increasing s of Yestamin are a direct contribution the nation's health!

In Bottles	*to retail at*	*Trade Pric*
100 TABLETS	1/6	12/3 PER D
300 TABLETS	4/-	33/- PER D

Less 5% Cash in 14 days

Vitamin $B_{.1}$ ..... 2.10 *mgms. per*
Riboflavin ($B_{.2}$) ..... 1.45 *mgms. per*
Niacin ..... 9.50 *mgms. per*

Yestamin DAILY YEA

THE ENGLISH GRAINS CO. LTD. BURTON-ON-T

JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX · JOHN KNOX

A Selection from the

Jaynox

Range of Chemists Sundries

Jaynox Finger Stalls, ass'td.
4 doz. on card 20/10 per d

Jaynox Wrist Straps (3 types)
18 on card 22/8 per d

Jaynox Nail Files (2 sizes)
12 on card 6/3 per d

JOHN KNOX (STOKE-ON-TRENT) L

Jaynox Works, King Street, Fenton, Stoke-on-Trent.

P.A.T.A.

John K (Midland) 26/38, Dear Birminghai

JOHN KNOX · JOHN KNOX · JOHN K

This colourful poster for BRONTAN will be appearing throughout the summer to assist you in selling this popular Sun Tan Cream to thousands. There's always a steady demand for Brontan in the summer season, so be sure you have stocks available by ordering NOW!

BRONTAN LTD.

All orders and communications to Sole Distributors:—
ALFRED FRANKS & BARTLETT CO., LTD.,
AUDREY HOUSE, ELY PLACE, LONDON, E.C.1 Telephone No: HOL 1078/9

DISPLAYS

bring ALL your 'ASPRO' PUBLIC IN!

It is only by **continuous display** that you will discover just how large 'ASPRO' demand is to-day. For the 'ASPRO' public grows ever greater. 'ASPRO' is proof against any "ups and downs" in the market—changes in purchasing power, fashions or habits. The success of 'ASPRO' is reaching unique proportions simply because it is a good product which more than fulfils its claims, and which is well, widely and persistently advertised.

'ASPRO' 5's NOW PACKED IN 6 DOZ. SHOWBOXES AGAIN

The easing of the supply position now enables us to revert to the pre-war 5's showbox of 6 dozen. At the same time we are reintroducing the pre-war minimum bonus quantities of 6 dozen 5's or 3 dozen 27's. Otherwise bonus terms remain unchanged as follows—

6 doz. 5's qualify for a bonus of 6 packets of 5's.

3 doz. 27's qualify for a bonus of 6 packets of 27's.

Provided that 14 days' window display is given.

Bonus quantities are *pro rata* for larger orders. All bonus is entirely free of cost to you. The 6 packets of 5's retail at 2/- and the 6 packets of 27's at 8/6, so—

YOU GAIN OVER 32% EXTRA PROFIT WHEN YOU BUY THE TWO SIZES ON FULL WINDOW DISPLAY TERMS

P.A.T.A.

Made in England by ASPRO LIMITED, TRADING ESTATE, Slough, Bucks

ASPRO REG. TRADE MARK

ONCE MORE WE CAN OFFER

SPHAGN

SHAVING STI

7/9 doz. Tax

Retail Price 1/3 Inc.

Supplied at 13 to dozen on ord of 2 dozen or more

AVAILABLE FROM ALL WHOL OR DIRECT FROM:—

Sole Manufacturers

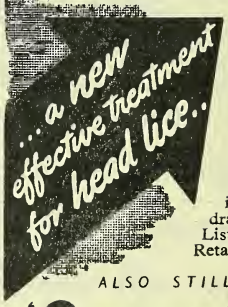
PEAT PRODUCTS (SPHAGN

3, CARMALT GARDENS, LONDON,

'Semprolic

D. D. T.

HAIR EMULSIO



A new fo Emulsion, D.D.T. as ingredient, control of Pleasantly and simple t Apply by ma the scalp. No required excep moval of dead ment is ec individual appl drachms only. List price 8/- Retail price 1/3 (inc

ALSO STILL RECOMM

'Semprol

MEDICATED (LETHA E)

HAIR OIL N.F.

STEMCO Ltd., 128 Albert St., Camden To

Agents in Eire: May Roberts (Ireland) Lt

Why summer means more Freezone' sales

NOW THAT THE DAYS are ning and people are longer loors, there will be more t — and more corns!

T new, sales-compelling e advertising campaign — ng all through the Spring and r in national and provincial pers—will be having its effect. advertisements are specially d to catch the eye of corn s. More people will be asking EEZONE CORN REMOVER mazing collodion preparation moves corns—roots and all!— and painlessly.

e sure of *your* share of these sed sales by displaying ZONE prominently in your ws and on your counters.

Remember, every Freezone bottle you sell brings you at least 4½d. profit —on the most favourable terms your profit is as much as 6½d. per bottle! Freezone Corn Remover retails at 1/10½d. Trade Price 13/6d. per doz. P.T. 4/6d. per doz.

Freezone can be included with other I.C.C. lines to qualify for Co-operation Discounts of 12½% on orders of £10 and over, 10% on orders of £5 and over.

BE READY TO SELL MORE

Freezone

REGD. TRADE MARK

CORN REMOVER

INTERNATIONAL CHEMICAL CO. LTD., CHENIES STREET, LONDON, W.C.1

A Pharmaceutical Achievement

A product of
WESTMINSTER LABORATORIES LTD.
Chalcot Road, London, N.W.1.

MAGSILATE

ASPIRIN THERAPY
BROUGHT TO PERFECTI

CAN BE EATEN
LIKE A SWEET
No water required

- **Quicker absorption — more effectiv ction.**
- **No gastric disturbance.**
- **Fully protected against deterioratio**

MAGSILATE is a CF product, sold *throug emists only*. Terms are profitable. Attractive show ds, informative literature and free samples supp with orders.

Supplied in two sizes:—4d. & 1/10d. (inc. P. Tax) and Dispensing Packs of 125 and 500 Tablets.

3 NEW LINES!

PAG PUMP ASTHMA INHALE

Retail Prices: Less 40%

PUMP ALONE	36/6
PUMP & INHALER	64/-

DOUBLE SIZE RIDDOBRO

Retail 17/- **ASTHMA INHALANT**

RIDDOBRON TABLETS

20's @ 5/-
100's @ 22/6

— ALL TAX FREE —

RIDDELL PRODUCTS LIMITED
AXTELL HOUSE · WARWICK STREET · LONDON · W.1
Telephone: GERard 3574

Firm favourites!

with every member of the family . . . .

CUTICURA PREPARATIONS

(MEDICINAL AND TOILET)

SOAP · OINTMENT

TALCUM POWDER · SHAVING STICK

These grand aids for skin-care have been giving confidence and satisfaction for over 65 years. Profits are good — Advertising consistent and widespread. Sales-promoting window displays always at your service.

The following attractive products, each with a universal appeal, will shortly be added to the popular Cuticura Range:

HAND CREAM · BABY OIL

SHAVING CREAM · LIQUID ANTISEPTIC

AFTER-SHAVE LOTION

British Distributors: NEWBERY & PHILLIPS LTD.
203, Victoria House, Southampton Row, London, W.C.1
TELEPHONE: HOLBORN 1564

for

THE POTTER DRUG & CHEMICAL CORPORATION
205-207, Victoria House, London, W.C.1

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W3 White	5/1 yard	JACONET (included in discount)	
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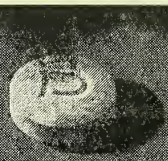
What is in Dolcin



What is th dosage

Dolcin was evolved in the U.S.A. after years of exhaustive research. The report by M. M. Szucs, M.D. (published in the Ohio State Medical Journal) on the results obtained from the administration of Dolcin in cases of Arthritis and Rheumatic disorders has led to world-wide prescription and a sale running into millions of bottles.

Comprehensive clinical tests have proved that in Dolcin's scientifically balanced combination of calcium succinate (2.8 grains) and acetylsalicylic acid (3.7 grains), the calcium succinate has a two-fold value. Firstly, it has a stimulating effect upon the cellular respiration, and secondly, it obviates the toxicity of acetylsalicylic acid. Salicylates have long been considered as having very considerable value in the treatment of Rheumatic disorders, both as a vasodilator and analgesic, but their toxicity formally precluded their use in sufficiently massive dosage.

To the majority of Arthritis and Rheumatic sufferers Dolcin gives rapid and prolonged relief from pain on an initial dosage of 3 tablets 4 times daily. After the acute symptoms have subsided the dose is usually reduced to 2 tab 4 times daily, and this smaller dosage is m tained for 3 to 4 months to minimize recurre Experiments and clinical tests have so cle demonstrated the non-toxicity of Dolcin some doctors are successfully prescribing 2 32 tablets per day in cases of Rheuma Arthritis. For children 10-15 years of age hibiting rheumatic symptoms, half the adult is usually prescribed.

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ND a very progressive young man too. He believed there was a future in the incandescent gas mantle, morse code and the safety cycle. Inventive days the 80's, scientific progress was gaining omentum. It was in the year 1887 that Scott's of Edinburgh launched .O.F. — a new idea in infant feeding. M.O.F. has changed much nce 1887. But the same inventiveness and progressive spirit has emained an essential part of Scott's policy. Today, Scott's of dinburgh provide a whole range of infant foods for mixed-feeding time.

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st London. Working-class business in populated area. N.H.S. about £300 per at present. Retail trade only about £40 nth but offering considerable scope. Stock Total inclusive purchase price required

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ESTABLISHED drug stores in attractive vn, pop. 3,000. Many holiday visitors. Georgian property, 13 rooms. Freehold will, £6,000, s.a.v. Absolutely unopposed. pportunity for qualified man. Elliott, 66 igh St., Southampton. 72350.

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ORE, Kingston (scope and need for chem- de £60 p.w., increasing. 19 years' lease w. Small smart shop, £1,475, s.a.v., or ndlay & Co., 66 Coombe Lane, Raynes V.20.

OL PHARMACY. Turnover exceeding r annum, including recent average 2,000 rescriptions. Bids wanted for ingoing and e approximately £2,500. Lease of well- shop and dispensary at fair rental. Full s to Box N.476, Lee & Nightingale,

DRUG STORE, corner, modern block flats. irst year £3,200, second £3,500, this year by present trend but golden opportunity and further development. Rent £165. e. Giving up domestic reasons. Price a.v. Box 6/200.

APPOINTMENTS

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BROMPTON HOSPITAL, LONDON, S.W.3.

Applications are invited for the post of Assistant Pharmacist. Salary in accordance with the J.N.C. scale. Hospital experience not essential but such experience taken into consideration for determining commencing salary within the scale. Applications, stating age and previous experience and accompanied by recent testimonials or the names of two referees, should reach the undersigned within 14 days of the appearance of this advertisement.

F. G. ROUVRAY,
House Governor.

CLAYTON HOSPITAL, WAKEFIELD.

FIRST ASSISTANT PHARMACIST required. Non-resident post, salary in accordance with the recommendations of the Joint Negotiating Committee, i.e., £415 x £15—£490 per annum.

Applications, stating age, qualifications and experience, with copies of three recent testimonials, should be sent to the undersigned.

W. READ, Secretary,
H.M.C. No. 9, Clayton
Hospital, Wakefield.

The Bridge
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Phone : Walsall 5948

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LOCUM ASSISTANT PHARMACIST required at this hospital immediately for an indefinite period for holiday relief. Salary, £9 9s. per week. Apply as soon as possible to the Medical Director or Chief Pharmacist.

EDGWARE GENERAL HOSPITAL, EDGWARE, MIDDLESEX

ASSISTANT PHARMACIST. A non-resident registered assistant pharmacist is required at this hospital. J.N.C. (Hospital Staffs) salary, £370-£450 p.a. Commencing salary according to previous experience. The post affords good experience in a busy general hospital.

Applications, stating age and experience, and including up to three recent testimonials, to Medical Director. Post vacant immediately.

NORTH WALES HOSPITAL FOR NERVOUS AND MENTAL DISORDERS, DENBIGH.

DISPENSING ASSISTANT required holding the certificate of the Society of Apothecaries. Salary £270 x 5 yearly increments of £10 to £320, thereafter a £10 increment every 4 years to a maximum of £350.* The post is subject to the provisions of the National Health Service (Superannuation) Regulations, 1947.

Applications accompanied by two recent testimonials to the Medical Superintendent.

*Accommodation available for single woman.

S. L. FROST,
Secretary to the Management Committee,
16/3/49 Mental Hospital, Denbigh.

HIGH WOOD HOSPITAL F CHILDREN
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PHARMACIST. Locum (male or fen) required for single-handed Pharmacist fo bove Hospital for not less than 2 months. ently qualified would suit.

Salary £10 10s. per week. Non-resic but accommodation could be arranged for nale. Apply to Physician-Superintendent.

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The London Chest Hospital invites app tions for the post of SENIOR ASSISTANT AR- MACIST with charge of the Sterilis De- partment. J.N.C. salary scale within th ange of £415-£490. Applications, with co s of testimonials, to be sent to the Secretar Lon- don Chest Hospital, Victoria Park, E.2

SHEFFIELD No. 2 HOSPITA MANAGEMENT COMMITTE

CENTRAL PHARMACEUTICAL DEPA MENT
APPOINTMENT OF DISPENSING AS ANT

Applications are invited from suitably tali- fied persons for the position of Di sing Assistant. Salary within scale accord to experience—£270 to £320. The nal Health Service Superannuation Reg ions apply.

Applications, stating age and experien and accompanied by the names and addresses two persons to whom reference may be made uld be forwarded to the Secretary, Sheffield 2 Hospital Management Committee, dle- wood Hospital, Sheffield, 6.

R. BRADLEY
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EAST MIDLANDS DIVISION

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lications are invited from suitably quali- Engineers for the following appointments ythorpe Generating Station.

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nt Power Station Superintendent
Class 'L' Grade '4' £867/906

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Class 'L' Grade '5' £795/831

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Class 'L' Grade '5' £795/831

Chemist Class 'L' Grade '5' £795/831

House Engineer
Class 'L' Grade '6' £754/788

e Room Engineer
Class 'L' Grade '6' £754/788

thorpe is situated on the North Bank of River Trent, about three miles from k. The Station is designed for an ultim- pacity of 360 Megawatts, and the Plant es Spreader-Stoker fired Boilers, each of lb. capacity, and six 60 Megawatt Gen- Units operating at 900 p.s.i., 900°F. rst portion of the Station is scheduled for ion during the Autumn of this year.

Class and Salary for the above men- appointments are provisional and subject otiation, and to the future extension of ation. For the purpose of Salary deter- on it has been decided that during the stages the Station will be in Class 'L', 40 M.W., of the existing National Joint Schedule.

iculars of duties and qualifications in t of the above appointments, together Application Forms, may be obtained from Divisional Establishments Officer, East nds Division, Barker Gate, Nottingham. leted Application Forms should be re- to the above address within three weeks date of this advertisement.

W. S. BURGE,
Divisional Controller.

Electricity Authority,
ish Electricity House,
rker Gate,
Nottingham.

KI 'S COLLEGE HOSPITAL GROUP, DENMARK HILL, S.E.5.

ISTANT PHARMACIST and an ASSIS- DISPENSER (HALL). Applications are for these positions. Salary and hours ing to the J.N.C. Scale. Superannuation e in force, and appointment is subject ssing a medical examination. Applica- with details of age and experience, should nt to the Pharmacist at the above s.

ST DWARD'S HOSPITAL CHEDDLE-TON, Nr. LEEK, STAFFS

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ENSER, with Apothecaries' Hall Certifi- Present salary £270 to £350 per annum, amount depending on Hospital experi- Free overalls. Will be expected to work ime in Laboratory and there is scope taining experience in pathology. Three annual leave.

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Applications are invited for the following posts in prescription pricing bureaux:—DEPUTY - SUPERINTENDENTS: South-Eastern, Clapham, S.W.4, £595 x 20 x 20 x 25—£660. North of England, Durham, £550 x 20 x 20 x 20—£610. West Riding, Wakefield, £550 x 20 x 20 x 20—£610. London, London, W.C.1, £550 x 20 x 20 x 20—£610. The appointments in London are subject to special "weighting" (at present £30 p.a.) in addition to the above.

Applicants should have organising ability, administrative experience, and ability to control staff in addition to a good pharmaceutical knowledge, and should be not more than 50 years of age. The successful applicants will be required to contribute to the Superannuation Scheme. Candidates applying for more than one of the above posts should indicate the order of their preference. Applications, stating age, qualifications, full details of experience, and accompanied by copies of two testimonials, should reach the Clerk, Joint Pricing Committee for England, 28 Kenwood Park Rd., Sheffield, 7, not later than May 21, 1949.

SOUTH-EASTERN REGIONAL HOSPITAL BOARD, SCOTLAND

South-Eastern Regional Hospital Board, Scotland, Royal Infirmary of Edinburgh and Associated Hospitals. ASSISTANT PHARMACIST. 39-hour week. Salary £365, rising by £15 annually to £440. Previous hospital experience not essential. Applications with full particulars to the Chief Pharmacist, The Royal Infirmary, Edinburgh.

NEASDEN HOSPITAL, BRENTFIELD ROAD, N.W.10.

LOCUM for chief pharmacist with one assistant for two periods: June 13-25 and August 29-September 10, 1949; for Neasden Hospital and the Maternity Hospital, Kingsbury. Accommodation and meals available if required. Salary, £12 7s. 6d. per week. Applications to Assistant Secretary, Neasden Hospital, immediately.

ST. GEORGE'S HOSPITAL, HYDE PARK CORNER, S.W.1.

Required ASSISTANT PHARMACIST. J.N.C. (Hospital Staffs) salary £370-£450 p.a. inclusive. Applications, with copies of testimonials, to Chief Pharmacist.

NATIONAL HEALTH SERVICE DARENTH AND STONE HOSPITAL MANAGEMENT COMMITTEE

PHARMACIST-IN-CHARGE

Applications are invited for the appointment of PHARMACIST-IN-CHARGE (non-resident) at Darenth Park Hospital (for Mental Defectives), near Dartford, Kent.

A practical knowledge of photography is desirable.

Commencing salary within the range of £420 to £475 per annum and subject to annual increments and general terms and conditions of the Joint Negotiating Committee recommendations.

The post will be subject to the National Health Service (Superannuation) Regulations, and the person appointed will be required to pass a medical examination. Applications immediately to L. T. Feldon, Secretary to the Management Committee, 15 Dartmouth Street, London, S.W.1.

ST. EDWARD'S HOSPITAL, CHEDDLETON, Nr. LEEK, STAFFS

DISPENSER required, with Apothecaries' Hall Certificate. Present salary is that of the Joint Negotiating Committee (Hospitals Staffs), viz., £270 to £350 per annum, the initial amount depending on previous hospital experience. Free overalls. Appointment may be resident, if desired, for moderate charge. Applications to the Medical Superintendent.

QUEEN MARY'S HOSPITAL FOR THE EAST END.

WEST HAM GROUP No. 9, STRATFORD, LONDON, E.15.

Applications are invited for the following posts (salaries in accordance with the Joint Negotiating Committee Scales and subject to the N.H.S. Superannuation Regulations. Applicants must be members of the Pharmaceutical Society with the required period of Hospital experience).

(a) DEPUTY CHIEF PHARMACIST. The salary scale is £425 rising to £525 per annum by annual increments of £20 with one final increment of £15 to £540. The commencing point on the scale will be determined by past experience.

(b) SENIOR ASSISTANT PHARMACIST for duty at Plaistow Hospital. The salary scale is £415, rising to £490 per annum by annual increments of £15. The commencing point on the scale will be determined by past experience.

J. C. DURNAN,
Chief Pharmacist.

WEST MIDDLESEX HOSPITAL (South-West Middlesex Hospital Management Committee)

LOCUM ASSISTANT PHARMACIST required for the following periods:—

23rd May—11th June
7th June—30th July
4th July—16th July

Salary: £8 8s. to £10 10s. per week, according to experience. Non-resident. Applications, with testimonials and full particulars of age, qualifications and experience, to the Chief Pharmacist, West Middlesex Hospital, Isleworth, Middlesex.

THE HOSPITAL FOR SICK CHI REN, GREAT ORMOND STREET, LO ON, W.C.1.

ASSISTANT PHARMACIST

Applications are invited for this ition. Salary, £370 to £450 on J.N.C. Scale cord- ing to experience. Apply, with detai f age and experience, to A. Rae, Chief Ph acist.

Vacancies advertised are restricted to p ns or employments excepted from the provisio of the Control of Engagements Order, 1947

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ASSISTANT WANTED for dispensing urtm Male or female (if latter comfortable a tion available). Good salary. Apply, ailey Alexander, 9 Strait Bargate, Boston, L .

BIRSTALL INDUSTRIAL CO-OPERATIV Soci Ltd.. Superintendent Chemist. Appli ons invited from qualified men for the ancy superintendent chemist. N.U.C.O. wag nd ditions. Trade £5,910 with scope for pans House available shortly. Written applic ns, ing names of two references, to be addr d to Secretary & General Manager, 1 Victor St., B stall, Nr. Leeds.

BOOTS THE CHEMISTS have vacancies i num of districts for qualified assistants, male fema Salary (male) Central London £10 5s. £11 Metropolitan District £9 17s. 6d. to £ 17s. to Provinces £9 10s. to £10 10s. (Fem Centra London £9 15s. to £10 15s. Metropoli Dire £9 7s. 6d. to £10 7s. 6d. Provinces to £1 according to age. Engagements are on a man basis with good prospects and eligibilit or p sion, life assurance, etc. There are also nom of vacancies for unqualified assistants a sou pharmaceutical experience. Good re era with a view to permanency. Pension s ne, e Applications should be made to Retail S Depar ment, Station St., Nottingham, stating a exp ence, and district preferred.

BRIGHTON. Lady assistant required fo w macy opening shortly. Must have h a general experience on the counter and pleas personality. Please give full details o ge. perience, etc., to Box 6/174.

BRISTOL. Qualified locum wanted for or weeks, any dates May to September. S ey B ton. M.P.S., 215 Gloucester Rd., Brist 7.

CHEMIST requires qualified assistant. W ng pr prietor. Staff kept. Half private hous ailabl Apply by letter. State salary required. J ardso 28 Bingley Rd., Shipley.

Situations Open—Continued

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T-OPTICIAN, on C.P.C. list, required to te with the proprietor, and at the same able to undertake new optical department. ffed. Comfortable, permanent position. lary and share of the optical profits. Good ned flat available. Calvert, Chemist, 11 Park Pde., Lewisham, S.E.13. Lee Green

of suitable accommodation, if required, on nent. Qualified persons, male or female, ired to manage attractive pharmacies in t and south-west districts of London. are available offering salary from £550 per annum, plus generous commission. ents are permanent and progressive and entry into superannuation scheme. Apply, ll particulars, to the Staff Manager, Royal Co-operative Chemists, Ltd., 113 Powis lwich, S.E.18.

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URNE. Qualified manager required for ranch pharmacy. Male or female. Apply, Browne (Chemists), Ltd., 44 Cornfield Rd., rne.

GRIMSBY CO-OPERATIVE SOCIETY, LTD., qualified pharmacist, male or female, to new pharmacy. Excellent living accommo- available. Applications, stating age, experi- d salary, to Managing Secretary, 74 Gari- ., Grimsby.

N. City pharmacy. Required, a young assistant; permanent position. Good-class . Early closing Saturday. No Sunday duty. tating age, experience, and salary required. per & Co., Ltd., 6 Railway Place, Fen- St., London, E.C.3.

LONDON, S.W.6. Qualified manager required to open new pharmacy in busy street. No accommodation at present. Good salary and interest in profits given. A good progressive situation for a man with initiative. Please give full details of age, previous experience, etc., to Goldthorpes (Chemists), Ltd., 312 London Rd., North Cheam, Surrey. Derwent 2804.

MANAGER required for suburban business in the Stoke-on-Trent district. Good living accommodation, adequate staff, permanency and good salary. Hours 9 a.m. until 6 p.m. (rota until 7 p.m. every fifth week). S. J. Mott, 48 Piccadilly, Hanley, Stoke-on-Trent.

MANAGER REQUIRED. Good salary and commission. Superannuation scheme. Permanency. Apply P. Jeyes & Co., Ltd., Northampton

MANAGER REQUIRED for Leicestershire town. Excellent post with good salary, commission and prospects. Knowledge of agriculture an advantage. Apply Box 6/201.

MIDDLESBROUGH CO-OPERATIVE SOCIETY, LTD., has vacancy for pharmacist branch manager—either sex. Salary based on sales, commission on dispensing, payment for rota. Superannuation scheme. Permanent position with good prospects. Excellent living accommodation available. Applications to General Manager, Emporium, Middlesbrough.

MODERN FAMILY FLAT and excellent salary offered to pharmacist as manager of good class business in Middlesex. Situation open to lady or gentleman. Box 6/206.

MOST SUITABLE ACCOMMODATION in the Ilford, Perivale, Palmers Green and Edgware areas of London can be provided, along with a salary of some £550 to £650 per annum plus dispensing emoluments, security of tenure, and pension fund, to experienced branch manager pharmacists. The vacancies are only open to men or women of ability desiring pharmaceutical progress. Box 6/192.

NORTHUMBERLAND, DURHAM, CUMBERLAND & WESTMORLAND

Salesman with established connection among Chemists and allied outlets and exceptional sales ability, required by well-known house marketing 8 nationally advertised proprietaries, some C.F. Age between 35 and 45. Must have at least 10 years' experience, be resident in area and possess first class sales record. Own car a temporary advantage. Permanent and progressive post. Salary, comm. and expenses moving upwards as turnover develops. Area now producing £11,000 p.a. Capable of considerable expansion. Write fully to Box A/131.

Situations Open—Continued

NEWCASTLE-ON-TYNE. Qualified branch manger required for pleasant middle-class suburban business. Pleasant and bright dispensary, good staff kept. Accommodation available if required. Please give full details in first letter. Graham's Pharmacy, Ltd., 20 Bridge Cres., Newcastle-on-Tyne, 5.

NEWCASTLE-UPON-TYNE Co-operative Society, Ltd., require a pharmacist (male or female) as branch manager. Permanent, progressive position. Superannuation scheme. Salary according to scale plus rota payments and bonus on dispensing. Good conditions of employment generally. Adequate and efficient supporting staff. Saturday half-day. Applications, stating full particulars of experience, age, salary required, etc., to Superintendent Chemist, Newcastle Co-operative Society, Ltd., 117 Newgate St., Newcastle-upon-Tyne, 1.

NEWCASTLE-UPON-TYNE Co-operative Society, Ltd., require pharmacist (male or female) as relief manager (with status of branch manager). Excellent experience for young pharmacist. Permanent position. Superannuation scheme. Applications, stating full particulars of experience, age, salary required, to Superintendent Chemist, Newcastle Co-operative Society, Ltd., 117 Newgate St., Newcastle-upon-Tyne, 1.

OPPORTUNITY for young intelligent man, on finishing his National Service, to train in old-established chemist's business in Surrey. Chance to qualify will be given with a view to later succession. Box 6/191.

PHARMACIST required for family dispensing business in Surbiton. Good sized redecorated flat available. Good salary paid to suitable man. Apply Box A/122.

PHARMACIST, Branch Manager for Guernsey, C.I. no N.H.S. Congenial post, single man preferred, interview London or Southampton, May 9th to 14th. Write or 'phone, c/o Hands, 198 Castelnau, London, S.W.13, or 'phone Riverside 3147.

PHARMACIST required. Capable of managing branch. Good prospects. House available. Superannuation fund in operation. Apply by letter stating age and experience to Secretary, Hartlepools Co-operative Chemists, Limited, Stockton Street, West Hartlepool.

PHARMACIST REQUIRED to manage branch in the West End of London. Hours 9-6. Light dispensing. Minimum salary and commission £12 10s. weekly. Position permanent, prospects excellent for person possessing salesmanship. No living accommodation. Write, giving brief particulars in first instance, to Box 6/142.

QUALIFIED MANAGERS required for family dispensing businesses in the London area. Semi-detached house available, if required. Good salary paid to suitable applicants. Apply Box A/121.

QUALIFIED SUPERINTENDENT required for old-established family business. Moderate dispensing. London area. Near Greenwich Church. Write, giving full details of experience and salary required, to Box 6/193.

THE DIRECTORS of the Manchester & Salford Equitable Co-operative Society, Ltd., invite applications from persons holding pharmaceutical and optical qualifications for the position of assistant drug departmental manager. The successful applicant will be required to take charge of the optical side of the business under the control of the drug department manager. Superannuation fund, with transfer scheme, in operation. If required the directors will endeavour to provide suitable housing accommodation. Applications, giving full details, should be addressed to the Secretary, General Offices, Downing St., Manchester, 1.

A FIRST CLA S REPRESENTATI E

is required by a large nationally know of manufacturing chemists. He shou a sound connection amongst Chem London and the Home Countie preferably be resident in the area. He be under 40 and keen to establish with the leading house in its particul A car is available for his use and his e will be paid.

Write in confidence, giving age and of present and past employment, t with an indication of salary expected t Manager, Box A/125

TIMOTHY WHITES & TAYLORS have v dispensers, male or female, in the L Good salary and commission; sup scheme. Apply to: Mr. A. D. Dougl Allen House, 70 Vauxhall Bridge Rd S.W.1.

UNQUALIFIED ASSISTANT, male or quired for West End pharmacy. Half day, no Sunday duty. Dispensing a Box 6/190.

UNQUALIFIED ASSISTANT required. Saturday, no Sunday duty. Commen £8 10s. Dispensing and counter. Ap Son & Co., Ltd., 120 Gloucester Rd., ton, S.W.7.

WE HAVE SEVERAL interesting and vacancies for unqualified staff in the L of Ilford, Greenford, Battersea and Ed plication in first instance to Superinten ist, London Co-operative Chemists, L Rd., Leyton, E.10.

WINDSOR.—Qualified Assistant require gentleman) for busy dispensing busin with full particulars as to experience required, to "Wood," Chemists, Win

LOCUMS WANTED

LOCUM M.P.S., either sex, required for from July 10. Elderly pharmacist a willing to do full duties. F. P. Che 110 Seven Sisters Rd., Holloway, N.7.

NEWCASTLE-UPON-TYNE Co-operativ Ltd., require pharmacists (male or locums. Long and short term period or late duties. Dispensing only. Ad efficient supporting staff. Saturday half- state dates available and terms requi Superintendent Chemist, Newcastle C Society, Ltd., 117 Newgate St., New Tyne, 1.

ituations Open—Continued

IST required as locum, 16th May to 11th n June to 17th September. £15 per plications to Oldham Co-operative Chem- King St., Oldham.

D LOCUM required at once, owing to one, reverse charges, Geo. Lines & Co., Hertford, Herts, phone 2070.

for the London area, long and short d male or female pharmacists as locums. alary, commission and expenses. Appli- irst instance, to Superintendent Chemist, o-operative Chemists, Ltd., Grange Rd., 10. Telephone No. Leytonstone 5671.

WHITES & TAYLORS require pharma- or female, for locum duty—short- or periods. Good salary and expenses. Ade- porting staff. Apply in the first instance A. D. Douglas, M.P.S., Allen House, 70 Bridge Rd., London, S.W.1.

RETAIL (OVERSEAS)

ISTS, single men, required for tours of each by company with head office in nd branches throughout East Africa. le £630 x £30 annually to £720 x £50 o £920, plus cost-of-living allowance at 120 per annum. Commencing position on will depend on experience. Two weeks' al leave and three clear months' home nd of each tour. Passage paid both ways. renewable by mutual agreement at end our. Apply Box A/120.

WHOLESALE

OF MANUFACTURING chemists require d man to take charge of packaging and f galenical specialities. Experience of the ntial. Write, stating age, experience and uired, to Box No. W.674, John Haddon td., Salisbury Sq., London, E.C.4.

G FIRM of pharmaceutical manufacturers medical representative for territory S.E. London area. Qualified pharmacist years of age preferred. Previous re- e and/or hospital experience desirable. ion is permanent and carries a basic sal- commission and business expenses; there tributory superannuation fund. Applica- ld give full details of previous experi- a photograph (returnable) should be if available. Write S.E.L., Box A/98.

NG MANUFACTURER requires a represen- the London area to contact wholesale and emists and the medical profession with l nationally advertised products. Appli- d not necessarily be qualified (although d be an advantage) but should definitely iative and be energetic and ambitious. ing brief resumé of career, to Box A/123.

KNOWN COMPANY has a vacancy in a territory for a first-class representative erience of medical propaganda and sales. ion is an advantage but applications from d men of proven ability will be con- Car is provided and salary will be paid lance with experience. The appointment pervisory work for the successful applicant. details in first letter. Box A/124.

A REPRESENTATIVE is required for S.E. and S.W. London by the manufacturers of a range of famous consumer goods selling to the wholesale and retail trades. The appointment carries a good salary and is pensionable. A car is provided and all expenses are paid. Applicants must be experienced in selling to retailers and be prepared to live on the territory, but should not be over 40 years of age. Reply, stating age, experience, etc., to Box A/89.

ACCOUNTANT for manufacturing chemists, N.W. London, required to assist managing director. Some secretarial experience an advantage. State full particulars, age, experience, and salary required. Box A/117.

ANALYTICAL CHEMIST required for the well-equipped laboratory of a firm of manufacturing chemists in N.W. London, to control the quality of raw materials and finished products. Good prospects. Please write stating age, qualifications, experience, and salary required, to Box A/132.

APPLICATIONS are invited for position as representative with well-known British ethical pharmaceutical manufacturers to cover Eire. Qualified pharmacist with some hospital experience preferred. Upper age limit 38 years. The position carries basic salary according to qualifications and experience, commission and certain expenses. There is a staff pension fund (contributory). Please apply, giving full details in confidence, enclosing photograph (if available), which will be returned. Applications should be addressed to Eire, Box A/109.

ASSISTANT CHEMIST required by old-established pharmaceutical house, London (N.W. area). 5-day week. Manufacturing experience essential, together with interest in analytical work. Apply in writing, giving essential details, age, salary, etc., to Box A/116.

BIRMINGHAM AREA. Qualified assistant required in the laboratory of well-known manufacturing chemists. Holders of T.S.A. Licence. Modern detached house available. Box A/115.

CHEMIST for the factory of large firm manufactur- pharmaceutical preparations, accustomed to control and responsibility. Please state particulars of experience, and qualifications, age, salary, etc. Manchester area. Reply to Works Chemist, Box A/91.

CHIEF ACCOUNTANT required for manufacturing chemists in N.W.1 district. Must be able to prepare final accounts. Excellent prospects for keen and reliable man able to undertake increasing responsibility. Please send full particulars of experience, age, and salary required, to Box A/8.

CIBA LABORATORIES, LTD., Horsham, require a female supervisor, age 30-35, with experience of large-scale filling, labelling and packaging of pharmaceutical specialities by modern mechanical methods. Applicant should be a good disciplinarian with experience of handling female labour. The position is permanent and a contributory pensions scheme is in operation. Apply, with full particulars of education and experience, giving an indication of salary required, to Works Manager, Ciba Laboratories, Ltd., Horsham, Sussex.

DISPATCH CLERK, one used to checking and packing, required by City wholesale house. Write, giving details of experience and age, to Box A/82.

EXPERIENCED REPRESENTATIVE required for sale of veterinary requirements to veterinary profession only in area Kent, Hampshire and Surrey, with adjoining counties. Knowledge of veterinary products essential. Apply Box 6/119.

EVANS MEDICAL SUPPLIES, LTD., require several pharmacists for dispensing and for work in the Sterile Unit. Salary according to experience and qualifications. Apply: Production Director, Evans Medical Supplies. Ltd., Speke, Liverpool, 19.

Situations Open—Continued

EXPERIENCED REPRESENTATIVES required by well-known chemists' proprietaries company for the following territories: North-east, East Midlands, Southern Counties, Lancashire. Men over 40 years of age preferred. Applications in first instance to Box W. 604, Haddons, Salisbury Square, London, E.C.4.

FEMALE ASSISTANTS for telephone order department. Experience of retail pharmacy essential. Apply with full particulars in the first instance to Works Manager, Hirst Brooke & Hirst, Ltd., Sheepscar Works, Leeds, 7.

HIRST BROOKE & HIRST, LTD., Sheepscar Works, Leeds, 7, have a vacancy for experienced senior assistant for patents department, capable of taking charge. Permanent position with prospects. 5-day week.

LADY PHARMACIST required to supervise small scale manufacture and packaging of medical preparations. Progressive post. King's Cross area. Please write giving full particulars, etc., to Box A/128.

LONDON DRUG HOUSE requires experienced representative for Kent, Sussex and Hampshire. Salary, commission and expenses. Write full particulars, in confidence to Box A/126.

MANUFACTURERS of short selected range of finest quality proprietaries well-known for their superb presentation require three keen and experienced salesmen to develop following territories: (1) Oxford, Berks, Bucks, Herts, Middlesex; (2) South London, Kent and Sussex; (3) West Country (S. Wales). Applicants must be men of the highest integrity with established connections and above average creative ability. The positions offer substantial scope with security. Salary, expenses and generous commission, or sole agencies considered. Write fully, including experience, age, if car owner, etc. Mark applications "Confidential." Box 6/196.

MANUFACTURING CHEMISTS of the highest standing have vacancy on representative staff. Must be resident on the territory, which comprises Leicestershire, Nottingham, Derby and Lincoln. Pharmaceutical qualifications not essential but applicants must have wide experience of retail pharmacy. Age perferably under 35 and car driver. The position is interesting and progressive. Please give fullest particulars in strict confidence to Box A/97.

MANUFACTURING CHEMISTS in S.E. London require a qualified pharmacist with sound knowledge and experience of general pharmaceutical manufacturing processes and some knowledge of packaging production. Applicants should be under 40 years of age, able to control both male and female labour, and capable of filling an executive position in the works. Write, stating age, experience and salary required to Box A/129.

MEDICAL REPRESENTATIVE required by progressive manufacturers of ethical products to cover South-east London and Kent. Applicants under 30 years of age must have pharmaceutical or equivalent qualifications. Write: Sales Manager, Ciba Laboratories, Ltd., Horsham, Sussex, giving age, qualifications, experience, and salary required.

OLD-ESTABLISHED Manufacturing Chemists require keen salesman to sell medical specialities and galenicals in South and West London. Only men with established connections will be considered for this appointment. £600 p.a. plus commission to a man of ability and enthusiasm. A car will be provided. Apply to Sales Manager, Box A/127.

PHARMACISTS required for the manufacturing department of a well-known pharmaceutical house. Previous manufacturing experience desirable. Reply, giving full details of age, experience, salary required, to Works Manager, Box No. 3918, T. G. Scott & Son, Ltd., Talbot House, 9 Arundel St., Strand, W.C.2.

PILL AND TABLET COATER. Experi grades of work is required by manuf mists, London area, working 5-day we opportunity for suitable applicant. age, experience, and salary required, t

PROPAGANDA. An old-established I and Pharmaceutical House of reput lady or gentleman with good know trade, initiative and flair for publicity and control Propaganda Dept. Apply ticulars, in confidence, to Box A/133

REPRESENTATIVE required by well-kno turers of ethical products to call on h tors, chemists in Kent, Sussex, Hamp maceutical qualification preferable but Write fully, Box A/85.

REPRESENTATIVE required calling on chemists in Essex and Sussex and doct and veterinary surgeons in North and London, Middlesex, Hetfordshire, shire and Essex, for wholesale m house. Reply giving full details, exp to Box A/7.

REPRESENTATIVES required, on gener sion basis, to sell well-known, national products to chemists for a large and we firm of manufacturing chemists. Vacan areas in Great Britain. Box A/101.

REPRESENTATIVE required on commiss sale of paper and bags and toilet tissues.

REPRESENTATIVES required on good basis to offer range of well-known an advertised household dyes to chemists, ops., etc., in (1) South-west England Wales. Full particulars to Box 6/185.

REPRESENTATIVE required by toilet facturers to take over Northern Engl ably resident in Newcastle-on-Tyne. mission, expenses. Box 6/178.

REPRESENTATIVES required to car range of imported American hair brus compacts, perfumed sachets and puffs, on department stores, high-class che dressers. Car owner with connectio Generous terms. Box 6/194.

SALES EXECUTIVE required by well-k maceutical manufacturers in London. first-class experience of pharmaceutical able of controlling and supervising ou sentatives, and should be familiar w merchandising, sales promotion and ac methods. Age preferably between 35 £850 p.a., or according to qualificati perience. Box A/111.

SALES MANAGER required in Londo established firm of Manufacturing The appointment offers exceptional to an applicant experienced in up-to-da methods and who is able to control re tives with energy and ability. The permanent and progressive, and a go mission will be paid to the right man. Please strictest confidence giving full details experience and age, etc., to Box A/6.

TABLET MAKER. An old-established ma house (N.W. area) have an opening petent man thoroughly experienced in of tablet production. Write, stating age quired, together with outline of care A/118.

tions Open—Continued

LER, London, N.1. The post is one cal responsibility requiring experience nachines and tablets. Applicants please perience, salary required. Managing loister Laboratories, Ltd., Bishops Bailey, London, E.C.4.

BATH SALTS COMPANY, 38 Tor Hill ay, Devon, require representative to litional line on generous commission ull particulars of experience and area vered.

D ASSISTANT required by old-estab- manufacturing and wholesale chemists England. Must have considerable ex- ll branches of the trade. Please apply iving full details of experience and d, to Box 6/176.

D ASSISTANTS required for work in department of a well-known pharma- in North-West London. Reply giving e, experience, and salary required, to G. Scott & Son, Ltd., Talbot House, , Strand, W.C.2.

N LONDON wholesale manufacturing a vacancy on the South Coast, due ment of our representative after 31 in our employment. Applicants would to live in or near Brighton and must knowledge of the drug trade. Splendid for conscientious hard-working man. full information, age and experience.

ON HOSPITAL, Hammersmith, W.6. production side of pharmaceutical Male assistant with some experience drugs and chemicals. Salary not ex- weekly to commence. Apply to Chief

AYMAN & UMNEY LTD. invite appli- the post of representative to call on acists in East Anglia and South East uneration is by salary and commis- er with travelling expenses and car staff pension scheme in operation. who should preferably be pharmacists, o send by letter full particulars of ations and experience with photograph to: Managing Director, 46, South- London, S.E.1.

EN REPRESENTATIVES, not afraid of required by manufacturing chemists in (2) Lancs, (3) Wales. Applicants must experience of selling to chemists and ground. Salary, commission and ex- details, in strict confidence, must be application. Box 6/180.

ARMACIST required for technical in- ervice. Duties will include abstracting and pharmaceutical literature and ng. Candidates should be registered with good educational background; ed applicants quite acceptable though in large hospital dispensary would be e. The appointment is permanent and d prospects of advancement. Initial ding to qualifications and experience. ting reference No. 2775, to the Per- er, May & Baker, Ltd., Dagenham,

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Re-written—thoroughly revised and up-to-date—this book is an invaluable guide to an important branch of work which pharmacists are well qualified to handle.

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WHOLESALE (OVERSEAS)

INDIA AND FAR EAST. May & Baker, Ltd., Dagenham, Essex, invite applications from pharmacists for positions as junior sales managers in their offices overseas. Candidates must be single men, age not over 28 years, and should have had a good education, with previous selling or sales office experience. Please apply initially in writing giving full details of education and experience. Reference No. 2826 must be quoted on all applications which should be addressed to the Personnel Officer.

SITUATIONS WANTED

18 words 3/- (minimum) then 1d. per word. Box 1/-

RETAIL (HOME)

PHARMACIST (33), with excellent knowledge of retail and wholesale pharmacy, requires position of promise in London or area. Free soon. Box 6/183.

UNQUALIFIED seeks position, locum or permanent, London, West End, City, Surrey or Sussex. 25 years' West End experience. Counter preferred. Box 6/125.

Situations Wanted—Continued

WHOLESALE

EXPERIENCED TRAVELLER. Connection with chemists, stores and co-operative societies over Lancashire, Cheshire, North Wales, Midlands, Yorkshire, North East Coast. Salary, commission and expenses. State salary and expenses. Box 6/203.

M.P.S. having obtained house, Herts, requires post as sales manager, buyer or representative. London, Herts. Wide experience. Box 6/204.

REPRESENTATIVE. 12 years' experience medical propaganda, energetic personality, University education, seeks position with first-class pharmaceutical firm. Box 6/135.

REPRESENTATIVE. Disengaged. Seeks employment with firm of repute, for South West Territories. Nine years' experience contacting chemists, corn trade, co-ops. Excellent references. Thomas, 2 Oakwood Road, Henleaze, Bristol.

REPRESENTATIVE seeks position with well-established firm. Now representing two houses, Greater London. Salary, commission, expenses. Box 6/126.

SALES MANAGER requires position with progressive company. Advertiser is a keen business executive with a first-class sales record and well-known to leading buyers. Box 6/160.

SALES MANAGER desires change; sound connections with retail and wholesale chemist trade, including chain stores and Co-op., in Scotland and N. Ireland. Open for agencies in Scotland or N. Ireland. Excellent sales records. Box 6/184.

TECHNICAL REPRESENTATIVE, 20 years' sales experience, keen, energetic, seeks position with manufacturers of fine chemicals. Box P.P.23574, Samson Clarks, 57-61 Mortimer Street, London, W.1.

The manufacturers of an established proprietary brand of

Chocolate Laxative

are desirous of appointing

DISTRIBUTING AGENTS

in all territories, at home and overseas.

Organisations of standing are invited to communicate with the Managing Director.

BOX No. A/130

TO MANUFACTURERS requiring expe iced rep resentative, calling on chemists in the don area I offer my services. Please write Box 199.

UNQUALIFIED, aged 35, seeks respon London wholesale or manufacturing post. Offi sales dis tribution, stock control. Box 6/202.

AGENCIES

36 words 17/6 (minimum) then 4d. per wo

AGENTS required with established con tion with (1) hospitals, nursing homes and other ge users (2) wholesale and retail chemists, to n tiate tab let contracts. First-class support give nd non clashing lines not objected to. Com on, part expenses. Box 6/179.

MANUFACTURERS' Agents' Association . & D. 8 Bream's Bldgs., E.C.4, supplies lists of agents to manufacturers' seeking repr tation all important centres. Membership ilable established agents.

REPRESENTATIVE wanted, sell on com sion us ful sidelines, paper goods, toilet ro drinking straws, crepe papers, garlands, wrap paper packing materials. Write to Box 6/20

BUSINESS OPPORTUNI ES

36 words 17/6 (minimum) then 4d. per wo Box 2

AUSTRALIA. London pharmaceutic manufac turers intend sending out their represe ive early 1950 for market research and to ma person contacts. They would like to share e ses with non-competing firm similarly interest Enquir in confidence to Box A/108.

FACTORY with facilities for compr d tab manufacture, official and proprietar form Customers' materials preferred. Limite uanti of compounds of phenacetin tablet available Box 6/198.

HOUSE FOR SALE with vacant possessio of newly decorated double-fronted shop, shop our and 1 room, yard, outhouse, etc. Dense pop ed Lo don area. Adjoining bus stop. No op tion for chemist. 39 years' leasehold. Price £ 50. Box 6/181.

MANUFACTURING CHEMISTS have fa ties and space available for the manufacture a or pack ing of domestic, industrial or toilet pr cts. tle, powder and tube filling. Frank Ma al, L 30 Loughborough St., S.E.11. Relianc 435.

MODERN CHEMICAL LABORATORIES h qua fied staff invite sub-contracts for ph aceutic and chemical preparations. Near St s. Bo 6/129.

NATION-WIDE sales organisation with narka record of successful merchandising is o to con sider one or two lines. Only branded li offerin possibilities of big permanent business of terest. Box S.551, c/o Erwoods, Ltd., Picca dilly, London, W.1.

TABLET MANUFACTURERS require firm under take the packing of tablets, tablets a packing materials supplied. Quick delivery esse . Writ for details to Three Crowns Tablet , 21-25 Derrington St., Hull.

THE PANDA ROLL FILM CO. invite in ies (re tail and wholesale) from chemists requi quot of a new non ex-R.A.F. film. Suppli on sale or return. Free advertising supplied. L l trade terms. Limited quotas available. Pand ll Film Co., Ltd., 12 Laings Corner, Mitcham rrey

—IMPORTANT—

Box Office numbers are intended exclu ly for specific answers to particular adve ments and Price Lists, Trade Circulars, San s and Printed Matter cannot be forwarded.

FOR SALE

wor /6 (minimum) then 3d. per word. Box 2/-

LITE lb. sifter-mixer with elevator and dis- buto Albro vacuum powder filler. Pascall n-dis mill. S/steel trolley-tanks, 25/50-gallons. steel rage tanks, 12-gallons. Musgrave dust ex- ction lant, etc. Excellent condition. Seen Lon- n. culars Box 6/189.

OR S . One Gardiner mixer, capacity 1 cwt. pply tthews & Wilson, Ltd., 6 & 8 Cole St., ndon .E.1.

ATIO L CASH REGISTER, electric, rings up 19s d. Keys for three assistants, received on coun harge and paid out. Receipt printer. ahog finish. £85. T. F. Bingham, Chemist, lle C , Norwich.

CON AND BALANCE in glass case. Accurate mil am. Reply: Elizabeth Saxton, Ltd., 1 re I New Milton, Hants.

WANTED

wor /6 (minimum) then 3d. per word. Box 2/-

OVER ER wishes to purchase any surplus stock glish ctose. Only B.P. grade required. Box 188.

ONSI ABLE QUANTITIES sulphanilamide pow- r or ystals for export; also sulphaguanidine wder d tablets and potassium iodide. Offers Box 112.

FDR XTRACTOR wanted, small, in good condi- n, L on. D.F., Ltd., 49 Grayling Rd., N.16.

MANUFACTURER desires supplies of glycerine to augment allocation. Offers to Box A/2.

PEPPERMINT OIL required, Brazilian or American. Box 6/187.

SET OF GLASS labelled stock rounds. Box 6/175.

SURPLUS CHEMICAL STOCKS required. Offers to Box A/1.

WALL CASE, 12 ft.; 2 x 5 ft. drug runs; 8/10 ft. counter with drawers back and glass case front; 6 ft. glass counter; mahogany. Rains, 2 Staplehurst Rd., Hither Green, S.E.13.

WANTED. Complete fairly modern fittings for new pharmacy. Counters, shop fittings, shelving, scales, etc. Part or all. Box 6/186.

MISCELLANEOUS SALES

36 words 17/6 (minimum) then 4d. per word. Box 2/-

BOTTLES. For sale, wide mouth 20-oz. white ground-in stoppered bottles, 12/- per doz., also 1-oz and 2-oz. round white dispensing bottles, 18/- per gross. Chemicals: Large quantities, bottles by well-known manufacturers at 25 per cent. under market price, seals intact, most bottles 1947, reasonably large orders required. Full details on application, H. A. Gregory & Co., Ltd., 22 Great North Rd., London, N.6.

CONTAINERS FOR SALE. 300 gross two-piece face powder boxes, 2 oz., 30/- gross; 500 gross powder rouge sifter boxes, 30/- gross; 150 gross lipstick cases 11-mm., 72/- gross; all black and silver design; 8 gross waxed mono containers, screw cap, size 3½ in. x 2¼ in., 12/- gross. Samples on request. Charles Midgley, Ltd., 325 City Rd., Manchester, 15.

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GRATITUDE! A Country Chemist writes:—"I prefer to obtain my saccharin tablets from my best suppliers during the war." That is the sort of thing that makes business a pleasure, and so to show our appreciation we 'phoned him our reduced prices: Saccharin tablets. Reduced prices: 1 gross, 100, 64/-; 5 gross, 100, 63/-; 10 gross, 100, 62/-; 25 gross, 100, 61/-. Cash with order. The Standard Tablet Co., Ltd., Hove, Sussex.

LARGE PARCEL of sulphanilamide sterile crystalline in 5-gram envelopes, 5 per carton. Surplus stock of U.S. manufacture. Also silver nitrate and other articles ex-Government surplus stocks. Details from Box A/113.

MAHOGANY SHOP FITTING, 16½ ft. long, 8½ ft. high, 10 in. deep. Sections to make one complete unit, 30 drawers, glass labels, 5 large cupboards, 3 small, 20 shelves, mirror and glass case. Reasonable price. Further details, Box 6/177.

PHARMACEUTICAL CHEMICALS. Government surplus supplies in bulk and bottled quantities. List of stocks available will be sent upon application to Walter, Johns & Co., 22 Stuart Cres., N.22.

PURCHASERS OF SURPLUS STOCKS are invited to offer for whole or part of the following. Lactose, 2 tons; Aspigran, 10 cwt.; Phenacetin, Pulv: Ext: Glycyrrhiz:, Eucalyptol, 20 lbs.; Ol: Caryoph, 14 lbs.; Ol: Eucalypt, 17 lbs.; Ol: Star Anise, 130 lbs. Replies Box 6/154.

SACCHARIN TABLETS. Standard .02-550 in envelopes of 100 tablets in 1 gross boxes. 10 gross, 59/-; 5 gross, 60/-; 1 gross, 61/-. Postage paid. Cash with order. H. N. Wells, 184 Roding Lane South, Ilford, Essex.

SPERMACETI WAX, B.P., 10 cases at 2/3 lb. 12 drums white P. jelly, 49/6 cwt. 5 cwt. T.P. stearic acid 130/32, 1/4½ lb. 2 tons white edible lactose 94/96%, 1/2½ lb. Box 6/195.

STANDARD SACCHARIN TABLETS f packets of 100 tablets, boxed in 1 gross gross at 58/- p. gross, from 15 to 30 g p. gross, from 30 to 60 gross at 56/6 p. 60 gross and over at 56/- p. gross. Post all orders from and above 5 gross. Pro or C.W.O. only. Sample sent on reques

1¾ MILLION transparent (celluloid) co caps offered en bloc at the bargain p per thousand or nearest. Tubular, 2¾ Room wanted. H. W. Smith & Son Rd., Coventry (2462).

2,000 GROSS 6-oz. medical flat bottles, ready immediate use. Minimum 100 g 10s. gross, ex works. Box A/114.

PARTNERSHIPS

36 words 8/6 (minimum) then 3d. per wor

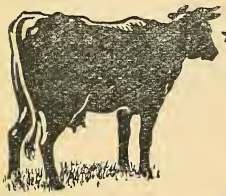
PARTNERSHIP in well-established busi coast. Energetic young man. Unfu available. Details on application. Box

CLERICAL

JUNIOR LIBRARIAN (female, age matriculation standard, required to act in medical library. Inter B.Sc. and kn typing an advantage. Duties include abst scientific journals. Staff facilities inclu sports club and pension scheme. W age, experience, if any, and salary r Staff Manager, British Drug Houses, Lt Street, City Road, N.1.

HOLIDAY ACCOMMOD

CARAVAN FOR HIRE for inexpensive f day. Lovely farm between Dartmoor Details from M.P.S., Waterleat, Ashbu



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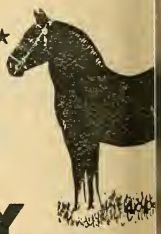

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